AUGAT®

AUGAT COMMUNICATIONS DIVISION
LRC PRODUCTS

Installation & Product Data Handbook

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"F" STYLE NOMENCLATURE

AFFIX	DEFINITION
AMF	AUGAT MULTI-FIT CONNECTOR
AP	ATTENUATOR PAD
AS	AUTO SEIZE (SNS7AS & SNS11AS)
AWG	AMERICAN WIRE GAUGE
BE	AC & DC BLOCKING, PASSES RF SIGNAL
BS	BOOT SEAL
BT	BRIGHT TIN PLATING
CF	CHAIN TERMINATOR
CF	SOLDER-ON CONNECTOR
CR	CRIMP RING
CT	CRIMP TOOL
D	DUAL

"F" STYLE NOMENCLATURE

AFFIX	DEFINITION
DF	DOUBLE "D" FLATS
DGB	DOUBLE GROUNDING BLOCK
F	CONNECTOR WITH 3/8"-32 THREADS
F	FEMALE
F5	CONNECTOR WITH 1/2"-28 THREADS
FA	F STYLE, ALUMINUM
FCS	F STYLE SECURITY SHIELD
FF	F STYLE, FEMALE
FJS	F STYLE, INTERFACE SEAL, SILICONE JACKET SEAL
FM	F STYLE, MALE
FS	F STYLE, INTERFACE SEAL, CRIMPED JACKET SEAL
G	CLEAR COAT ON BRASS (GOLD COLOR)
GB	GROUNDING BLOCK
HDW	HARDWARE
HP	HIGH PASS
IT	INSTALLATION TOOL
KF	PRECISION CONNECTOR
LH	LEFT HAND
LP	LOW PROFILE
M	MALE
N	NICKEL PLATING
NS	NUT SEAL
P	PUSH ON
PC	PRINTED CIRCUIT MOUNT
PC	PIPE CLAMP MOUNT
PL	PLENUM CABLE CONNECTOR
PM	PANEL MOUNT
PNL	PUSH-N-LOCK CONNECTOR
RA	RIGHT ANGLE (90 DEGREES)
SNS	SNAP-N-SEAL™ CONNECTOR
SST	SECURITY SHIELD TOOL
TBF	SELF TERMINATING BNC JACK
TF	SELF TERMINATING "F" FEMALE
TP	THREAD PROTECTOR
TR	TERMINATION
TRB	TERMINATION, AC BLOCKING
TRL	LOCKING TERMINATION
W	WRENCH
7	7 SERIES CABLE
11	11 SERIES CABLE
56 or 6	6 SERIES CABLE
59	59 SERIES CABLE
60	MINIATURE CABLE CONNECTOR
61	CHASSIS MOUNT CONNECTOR
71	MALE CONNECTOR
81	FEMALE CONNECTOR

"F" Male Connector for Bonded Foil Cable

An "F" connector must fit the cable properly to be truly effective. When the correct connector is determined for the bonded foil cable being used, it must also be installed in a proper manner. The procedure below explains the recommended cable preparation.

1. Using a sharp knife, score the cable jacket at the length required, then strip off the jacket to expose the braid. Do not cut thru the braid, fold braid back against the jacket.

2. Score through the bonded foil and dielectric at the length required and remove. Do not nick the center conductor.

3. Start the connector over the bonded foil reversed as shown in Fig. 1, and bottom against the braid. This will help shape the dielectric and assist in normal connector installation.



Fig. 1

4. Remove connector and insert the connector post over the foil and bottom, Fig. 2. Crimp the connector using the appropriate tool.

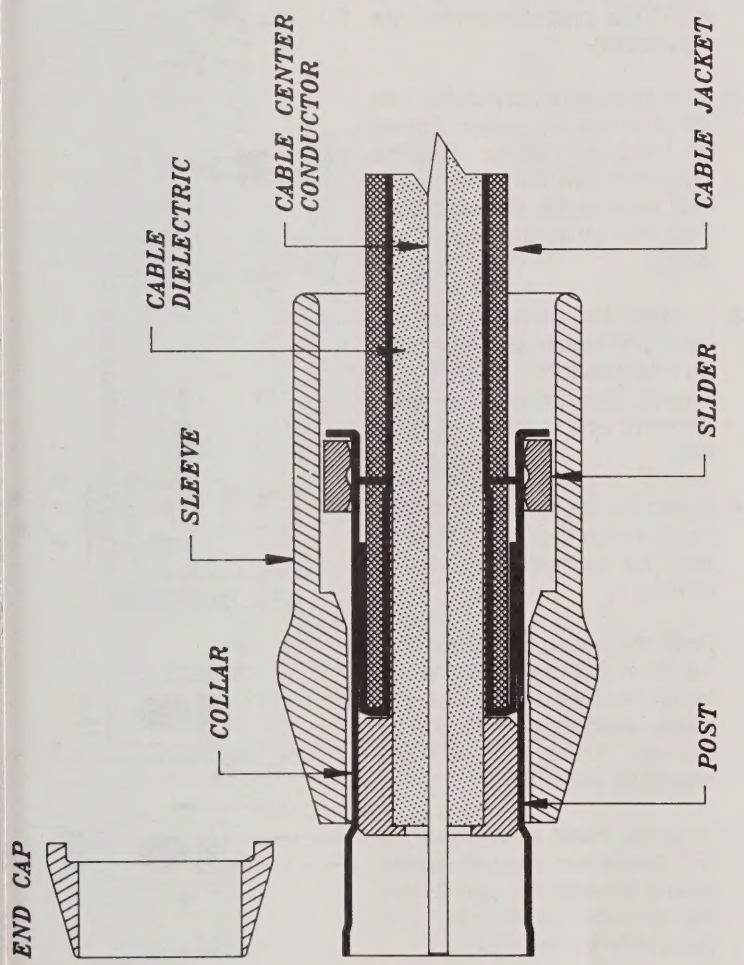


Fig. 2

(NOTE: For connectors having a separate crimp ring, install the crimp ring after step 3. Install the connector as in step 4 making sure connector is bottomed then slide crimp ring flush against the connector and crimp).

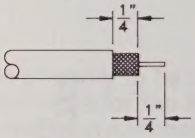
Push-N-Lock™ SECTIONAL VIEW
PNL59, PNL6 SERIES

Pat. No. 5,066,248

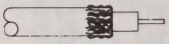


Push-N-Lock™
"F" MALE CONNECTOR SERIES
PNL59, PNL6
Pat. No. 5,066,248

1. Starting with a squarely cut cable end, prepare cable using LRC #CST596 preparation tool (or equivalent).

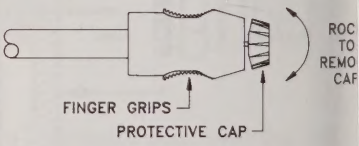


2. If using single braid cables: fold the braid over the jacket. If using double braid cables: fold the outer braid over the jacket. Score and remove foil (if applicable). Fold the inner braid over the jacket.

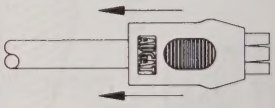


3. Position the connector over the cable end then push the connector until it bottoms. Connector is properly positioned when cable dielectric end is flush with post end.

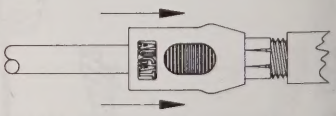
4. Grasp the finger grips with one hand, then using the other hand, rock the protective end cap to remove it.



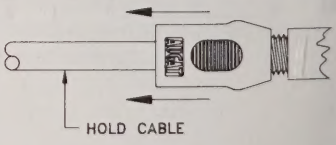
5. Push the plastic sleeve to lock the connector on the cable. Internal mechanism will click into place indicating connector is locked. About 5/8" of metal should be exposed.



6. Align the metal sleeve over the "F" Female port. Push the plastic sleeve towards the port to lock the connector on the port. This completes the installation.

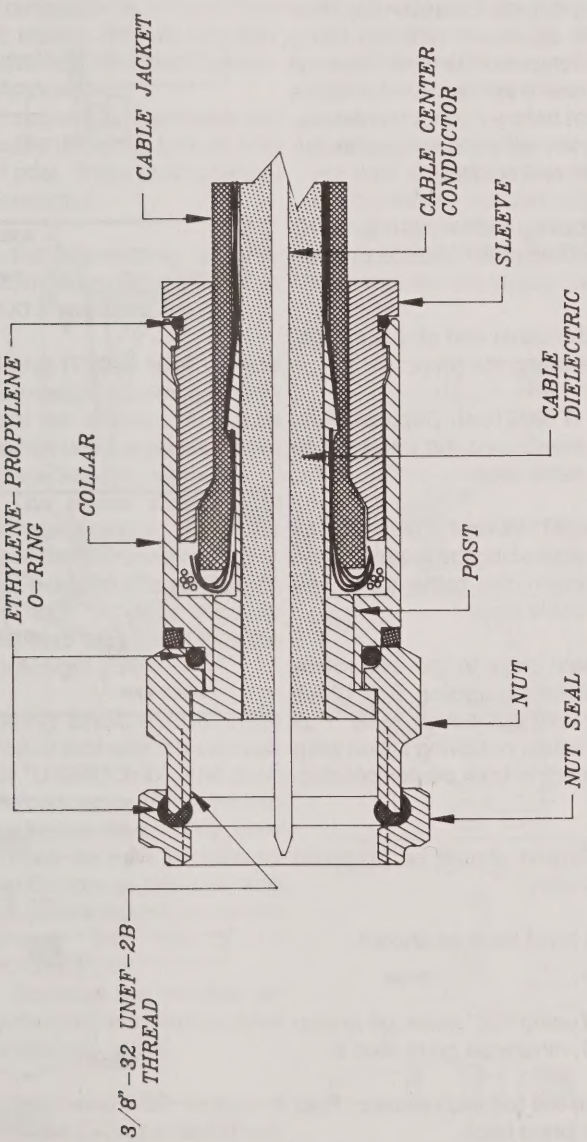


7. To remove the connector from the "F" Female port, hold the cable and pull the plastic sleeve away from the port.



Snap-N-Seal™ SECTIONAL VIEW
SNS6, SNS59 SERIES

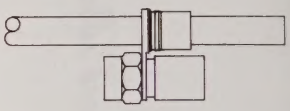
Pat. No. 4,902,246



Snap-N-Seal™ CONNECTOR WITH NUT SEAL
SNS59HEC, SNS59QS, SNS59, SNS6QS, SNS6

Pat. No. 4,902,246

1. Slide connector assembly over cable as shown. (When using Messengered/Siamese:Rib must be removed flush with cable jacket before connector installation, this will insure proper installation and sealing).

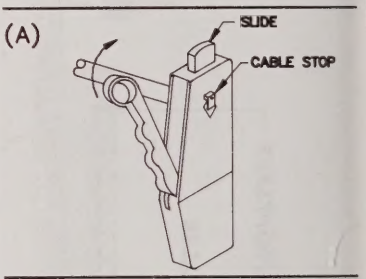


2. Prepare cable using LRC #CST596 or #IT1000 tool as follows:

 Cut the cable end off square before starting the prep.

 (A) IT1000 tool: Depress slide, then insert the cable up to cable stop.

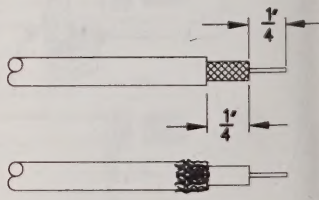
 (B) CST596 tool: Open tool by squeezing the handles, then insert the cable up to the cable stop.



Grip cable close to tool and rotate tool (clockwise) approx. 8 to 12 full turns or until tool moves freely. Pull tool off cable, removing jacket prep and dielectric from center conductor.

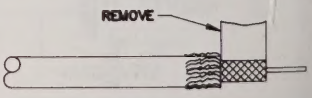
3. Cable end should be prepared as shown.

4. Fold braid back as shown.



Note: If using "QS" cable, go to step 5, otherwise go to step 6.

5. Score the foil and remove. Fold inner braid back.



6. Twist connector to remove from plastic sleeve. (Plastic ring may stay attached between connector collar and nut).

 Place connector over cable end until cable dielectric is flush with end of post. Push plastic sleeve into connector.

7. Finish the connector to cable installation using LRC #SNSUT or #IT1000 Installation Tool.

 (A) Using IT1000 tool: Place connector assembly inside tool as shown. Squeeze handle until the plastic sleeve snaps into the connector.

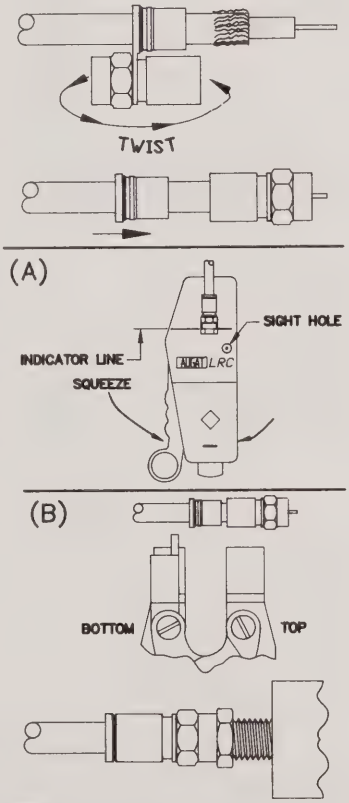
 The plastic sleeve is in proper position when the connector is compressed to the indicator line scribed on the tool. A white indicator will also be visible thru the tool "sight hole".

 (B) Using SNSUT tool: Align Top of tool with the connector "U GROOVE", and push the connector and cable into the tool as shown. The cable should be held in place by the Bottom of the tool, and the plastic sleeve should be seated into the "CLIP POCKET".

 Squeeze the handles together until the plastic sleeve Snaps into place.

8. Thread nut seal 9/32" onto port making sure O-ring is facing out. (Minimum port thread length of 9/32" (.281) is required). Thread connector onto port. Wrench tighten using about 2 to 3 ft. lbs. torque.

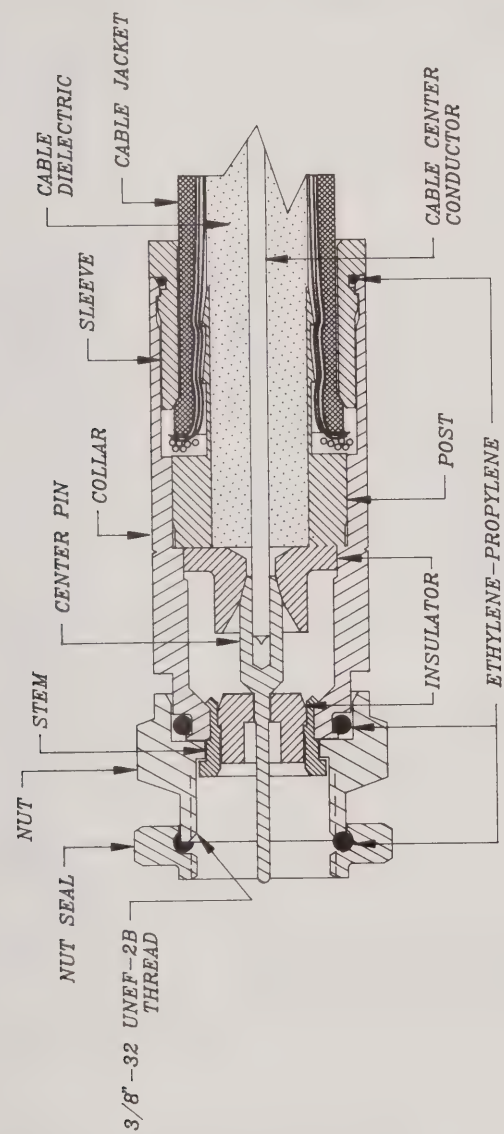
 After connector is secure, turn nut seal counter-clockwise until O-ring makes contact with connector. After O-ring contact is made, turn nut seal about one full turn counter-clockwise to complete seal.



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Snap-N-Seal™ AUTO SEIZE
SECTIONAL VIEW
SNS7AS, SNS11AS

Pat. No. 4,902,246

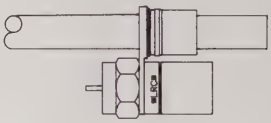


Snap-N-Seal™ CONNECTOR AUTO SEIZE SNS7AS, SNS11AS

Pat. No. 4,902,246

1. Slide connector assembly over cable as shown.

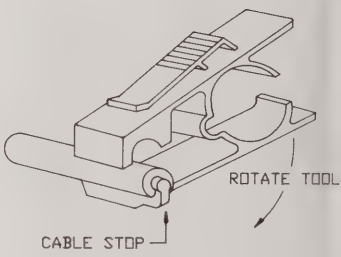
 (When using Messengered/ Siamese: Rib must be removed flush with cable jacket before connector installation, this will insure proper installation and sealing).



2. Prepare cable using LRC #CST11 Tool as follows: (If tool is not at hand, go to step 3).

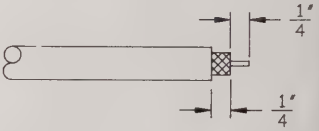
 Cut the cable end so it is perpendicular to the cable axis. Squeeze the handles of the tool, then insert the cable to the cable stop.

 Rotate tool 8 to 12 turns (clockwise as shown) or until tool turns freely. Pull tool from cable to complete the cable prep.



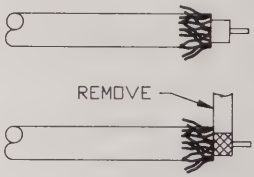
3. Cable end should appear as shown.

4. Fold braid back as shown.

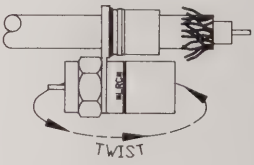


Note: If using "QS" cable, go to step 5, otherwise go to step 6.

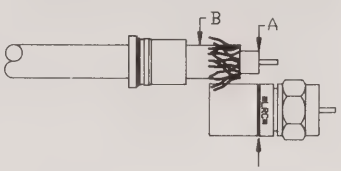
5. Score first foil and remove. Fold second braid back.



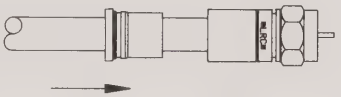
6. Twist connector to remove from plastic sleeve. (Plastic ring may stay attached between connector collar and nut).



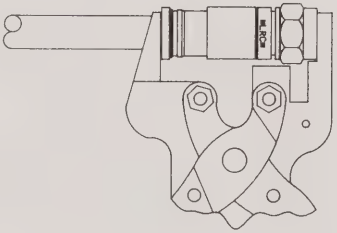
7. To determine how far you should insert the cable: place cable next to the connector as shown. Position the dielectric at the installation groove (point A). With your thumbnail, mark the cable jacket at the edge of the connector (point B).

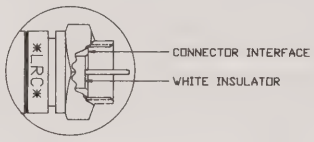


8. Insert cable dielectric into the connector post. Push and twist connector until the cable bottoms inside of the connector (point B will be even with the end of the connector). Push plastic sleeve into the connector until a snug fit is achieved.

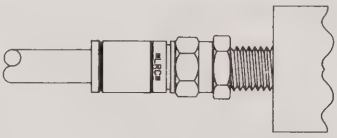


9. Insert connector (with cable) into LRC Installation Tool #L3011B. Seat plastic sleeve into the pocket of the tool jaw. Squeeze handles together. The black plastic sleeve and the white pin insulator should both snap into place, with o-ring completely hidden under the collar. The white plastic insulator holding the pin, should be below or flush with the connector interface.



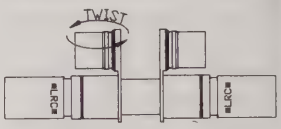


10. Thread nut seal onto the port with the O-ring facing out (minimum port length of .281 is required). Thread connector onto port. Wrench tighten connector 2 to 3 ft. lbs. torque. When connector is tight, bring nut seal back up against connector. Tighten nut seal 2 to 3 ft. lbs.



Snap-N-Seal™ SPLICE
81SNS59, 81SNS59QS, 81SNS6, 81SNS6QS
Pat. No. 4,902,246

1. Twist plastic sleeve to remove it from the splice (plastic ring may stay attached to splice). Slide the sleeve over the cable as shown.



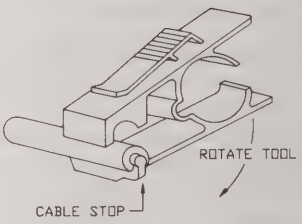
2. Prepare cable using LRC #CST596 Tool as follows:



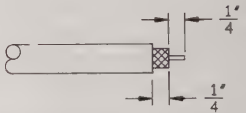
(If tool is not at hand, go to step 3. If using Messengered/Siamese cable, remove rib on cable jacket at this point).

Cut the cable end off square before starting your prep. Open tool by squeezing the handles, then insert the cable up to the cable stop.

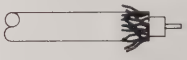
Rotate tool 8 to 12 turns (clockwise as shown) or until tool turns freely. Pull tool from cable to complete the cable prep.



3. Cable end should appear as shown.

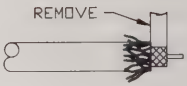


4. Fold braid back as shown.

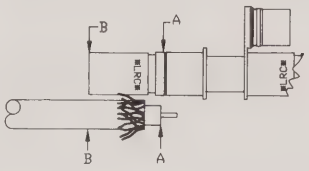


Note: If using "QS" cable, go to step 5, otherwise go to step 6.

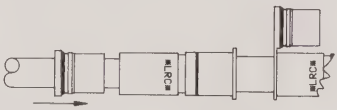
5. Score first foil and remove. Fold second braid back.



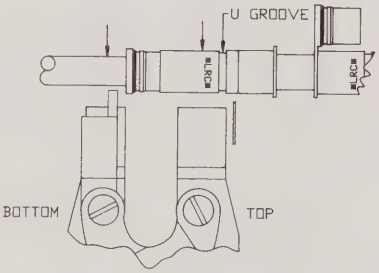
6. To determine how far you should insert the cable: place cable next to the splice as shown. Align the dielectric with the installation groove (point A). With your thumb nail, mark the cable jacket at the edge of the splice (point B).



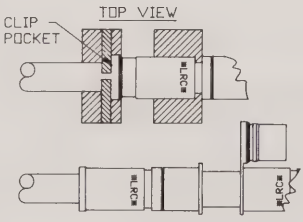
7. Insert cable dielectric into the splice post. Push cable until it bottoms inside of splice. Cable is bottomed in connector when mark (point B) is near end of splice. Push plastic sleeve into the connector until a snug fit is achieved.



8. Align the top of the SNSUT tool with the Splice "U Groove," and push the Splice and cable into the tool using force at the points shown. The cable should lock into the bottom of the tool when this is done.



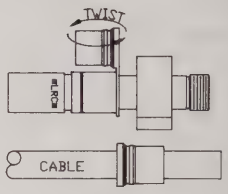
9. The splice should be held into place and the plastic sleeve should be seated into the "Clip Pocket" at this point. Squeeze handles together until plastic sleeve snaps into the splice, completing the installation.



10. Support the cable and splice, then pull the tool away from the assembly. Repeat the procedure for the opposite end.

Snap-N-Seal™ GROUNDING BLOCK
GB59SNS, GB6SNS, GB59QSNS, GB6QSNS
Pat. No. 4,902,246

1. Twist plastic sleeve to remove it from the Grounding Block (plastic ring may stay attached to grounding block). Slide the sleeve over the cable as shown.

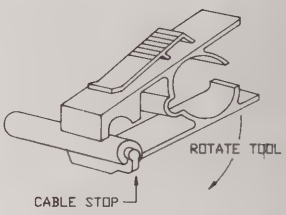


2. Prepare cable using LRC #CST596 Tool as follows:

 (If tool is not at hand, go to step 3. If using Messengered/Siamese cable, remove rib on cable jacket at this point).

 Cut the cable end off square before starting your prep. Open tool by squeezing the handles, then insert the cable up to the cable stop.

 Rotate tool 8 to 12 turns (clockwise as shown) or until tool turns freely. Pull tool from cable to complete the cable prep.

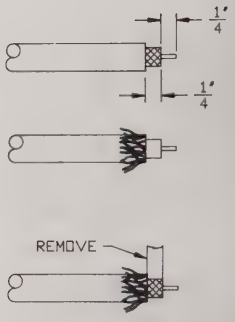


3. Cable end should appear as shown.

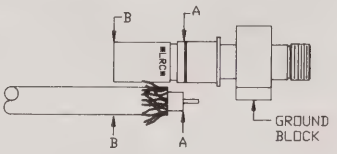
4. Fold braid back as shown.

Note: If using "QS" cable, go to step 5, otherwise go to step 6.

5. Score first foil and remove. Fold second braid back.



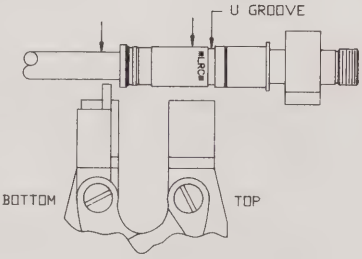
6. To determine how far you should insert the cable: place cable next to the Grounding Block as shown. Align the dielectric with the installation groove (point A). With your thumb nail, mark the cable jacket at the edge of the Grounding Block (point B).



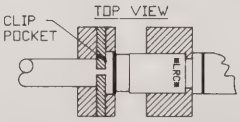
7. Insert cable dielectric into Grounding Block post. Push cable until connector bottoms inside of Grounding Block. Push plastic sleeve into the connector until a snug fit is achieved.



8. Align the top of the SNSUT tool with the Grounding Block "U Groove",and push the Grounding Block and cable into the tool using force at the points shown. The cable should lock into the bottom of the tool when this is done.



9. The connector should be held into place and the plastic sleeve should be seated into the "Clip Pocket" at this point. Squeeze handles together until plastic sleeve snaps into the Grounding Block, completing the installation.



10. Support the cable and Grounding Block, and pull the tool away from the Grounding Block.

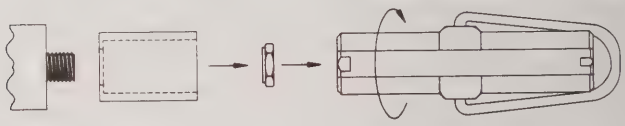


Snap-N-Seal™ CONNECTOR SECURITY SHIELD FCSSNS, FCSSNS11

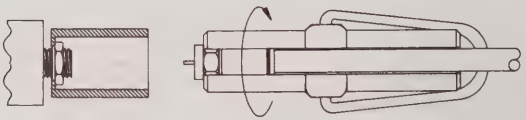
CONNECTOR	SHIELD	NUT SEAL	TOOL
SNS59 & SNS6	FCSSNS	NS500	SSTSNS
SNS11	FCSSNS11	NS625	SSTSNS11

1. Place Nut Seal into Security Shield Tool as shown, then place Security Shield over end of Security Shield Tool.

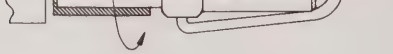
 Position this assembly over the "F" Style port (minimum port thread length of 9/32" [0.281] is required). Tighten (clockwise) until the Nut Seal is bottomed within the Security Shield.



2. Place the SNS "F" Connector and cable assembly into the Security Shield Tool and tighten (clockwise) to the "F" style port using approximately 2 to 3 ft. lbs. torque.

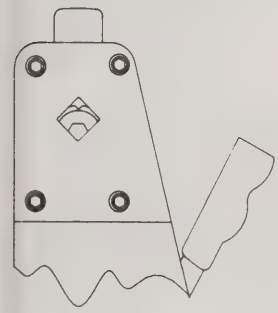


3. Position the nut seal end of the Security Shield Tool into the security shield and turn counter-clockwise approximately one full turn after the Nut Seal O-ring makes contact with the "F" Connector nut.



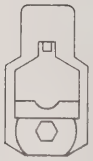
Snap-N-Seal™ CONNECTOR CUTTING BLADE REPLACEMENT IT1000

Replacement Blade Set #SP1015
(Includes Blades SP101521 & SP101528)

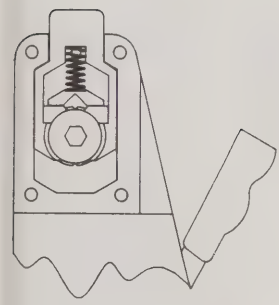


1. Remove 4 screws and remove cover (7/64" Allen Wrench).

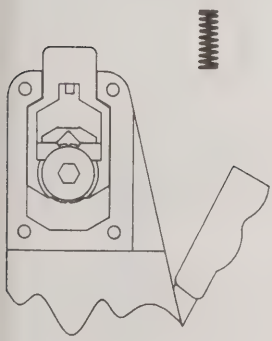
2. Remove slide assembly from tool. (**Caution:** Spring Loaded Parts).







3. Remove blades from hex mandrel and rotate blades to a new cutting surface. (Orient blades on mandrel as shown to maintain 1/4" prep lengths.)



4. Place slide assembly into tool, small cutting blade facing out (Fig. 2). Place spring into tool and install cover. (Slide assembly should move freely.)

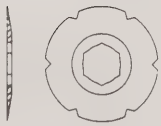


FIG. 1

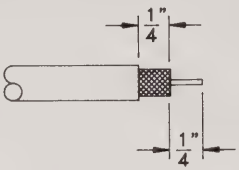


FIG. 2

Multi-Fit™ SECTIONAL VIEW
AMF59, AMF6 SERIES

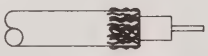
Multi-Fit™ "F" MALE CONNECTOR SERIES AMF59, AMF6

1. Starting with a squarely cut cable end, prepare cable using LRC #CST596 cable preparation tool (or equivalent). Cable end must appear as shown.

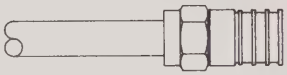


2. If using single braid cables, fold the braid over the jacket.

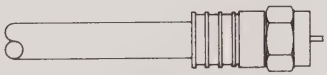
 If using double braid cables, fold the outer braid over the jacket. Score and remove foil (if applicable). Fold the inner braid over the jacket.



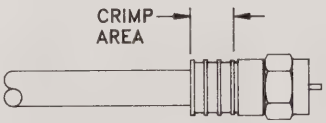
3. Position the connector over the cable end (reversed as shown) until it bottoms against the braid.



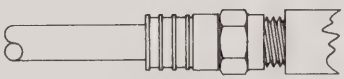
4. Remove the connector. Position the connector over the cable end (as shown) then push and rotate connector until it bottoms. Cable dielectric end, flush with post end, shows correct connector positioning.



5. Crimp the collar once in the area shown. Use LRC #CT2460 crimp tool (or equivalent 0.360 inch hex cavity crimp tool).



6. Thread connector onto port. Wrench tighten connector nut using 2 to 3 ft. lbs. torque.

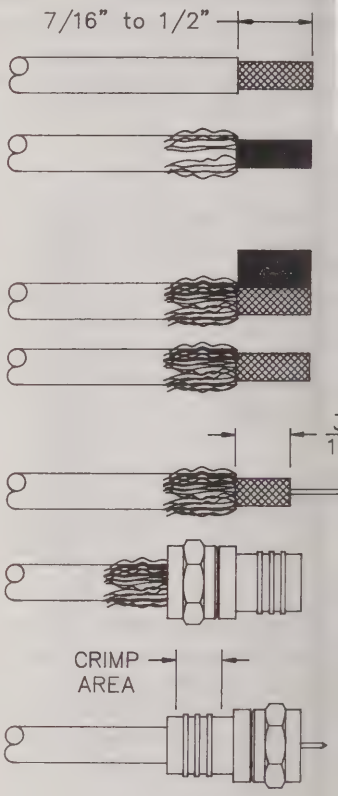


"F" MALE CONNECTOR SERIES
F59CH, F56CH, F59QS, F56QS, F59CN

1. Using a knife, cut thru the jacket 7/16" to 1/2" from the end of the cable to expose the braid. Do not score the braid.
2. Fold first braid back against the jacket.

Note: If using "QS" style connectors, go to step 3, otherwise go to step 5.

3. Score the first foil and remove.
4. Fold second braid back against the jacket.
5. Cut and remove foil and dielectric to obtain 3/16" of exposure. Do not score the center conductor.
6. Start the connector over foil and dielectric (reversed as shown) and bottom against the braid.
7. Remove the connector. Insert the connector post over the foil and dielectric until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.

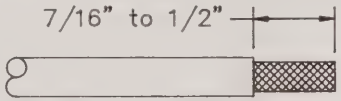


Part #	Hex Crimp	LRC Tool
F59CH	.324	CT2460, HCT6QS
F59QS	.324	CT2460, HCT6QS
F56CH	.324	CT2460, HCT6QS
F56QS	.360	CT2460, HCT6QS, CT611QS
F59CN	.324	CT2460, HCT6QS

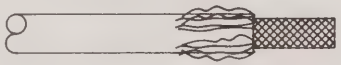
Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" MALE CONNECTOR SERIES
F59CD, F56CD, F59CDB, F56CDB, F59HEC

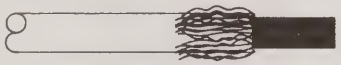
1. Using a knife, cut thru the jacket 7/16" to 1/2" from the end of the cable to expose the braid. Do not score the braid.



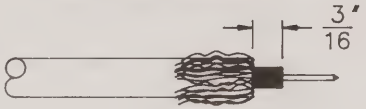
2. Fold first braid back against the jacket.



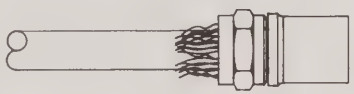
3. Fold second braid back against the jacket.



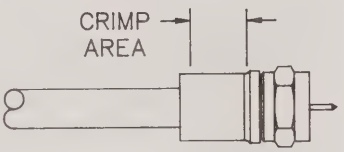
4. Cut and remove dielectric (and foil if present) to obtain 3/16" of exposure. Do not score the center conductor.



5. Start the connector over the dielectric (and foil) reversed as shown, and bottom against the braid.



6. Remove the connector. Insert the connector post over the dielectric (and foil) until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.

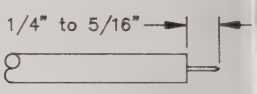


Part#	Hex Crimp	LRC Tool
F59CD	.324	CT2460, HCT6QS
F59CDB	.324	CT2460, HCT6QS
F59HEC	.324	CT2460, HCT6QS
F56CD	.324	CT2460, HCT6QS
F56CDB	.324	CT2460, HCT6QS

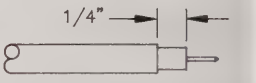
Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" MALE CONNECTOR PLENUM CABLE SERI
PL59AC, PL59BC, PL59CD, PL59CH, PL59CS, PL59TQ, PL56QS, PL56CS, PL56CI

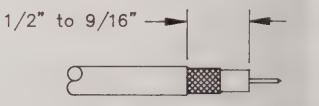
1. Using a sharp knife, cut thru the cable jacket, braid, and dielectric 1/4" to 5/16" from cable end to expose center conductor. Do not score center conductor.



2. Cut thru the cable jacket and braid 1/4" from the first cut to expose the dielectric.

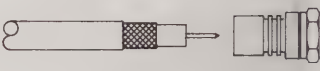


3. Cut thru the cable jacket, 1/2" to 9/16" from the first cut, to expose the braid. Do not score the braid and do not fold it back over the jacket.

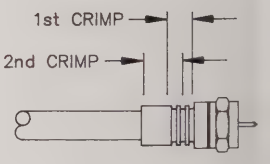


NOTE: BRAID DOES NOT FOLD BAC

4. Start connector over prepared cable end. Ensure that braid does not fold back over jacket. Connector is in proper position when cable dielectric end is flush with connector post end.



5. This connector must be crimped in two places. Both crimps may overlap and the resulting hex flats should be lined up. Select the proper hex crimp size from the chart below.

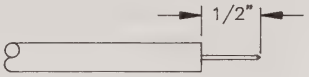


Part #	Hex Crimp	LRC Tool
PL59AC	.260	CT596
PL59BC	.260	CT596
PL59CD	.260	CT596
PL59CH	.324	HCT6QS, CT2460
PL59CS	.260	CT596
PL59TQ	.260	CT596
PL56QS	.324	HCT6QS, CT2460
PL56CS	.260	CT596
PL56CH	.260	CT596

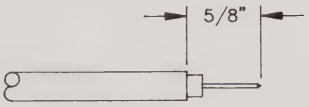
Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

PLENUM CABLE 11 SERIES
SINGLE BRAID CABLE PREPARATION
PL11CS

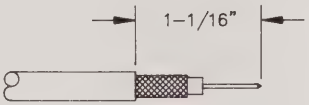
1. Using a sharp knife, score the cable jacket 1/2" from the cable end. Cut completely thru to the center conductor while avoiding nicking it. Remove dielectric, foil, braiding and cable jacket and discard.



2. Score the cable jacket 5/8" from the end of the center conductor. Remove the exposed braiding and discard.



3. Score the cable jacket 1 1/16" from end of center conductor and remove, being careful not to nick braid. Do not fold the braiding back over the jacket.

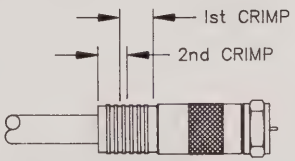


NOTE: BRAID DOES NOT FOLD BACK

4. Push the cable center conductor into the connector until the conductor is inserted into the contact pin. A slight back and forth motion may be necessary to locate the entryway of the pin, however, avoid excessive twisting of the cable as the braiding is not to fold back over the jacket.



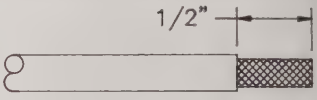
5. Crimp the collar of the connector in two places, the first beginning at the farthest ring away from the cable entry end. Using an LRC Tool #CT611QS crimp the first four rings using a .470 size hex. Crimp the last three rings being careful to align the resulting hex shaped areas together.



Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" MALE CONNECTOR SERIES
F611CH, F611QS

1. Using a knife, cut thru the jacket 1/2" from the end of the cable to expose the braid. Do not score the braid.

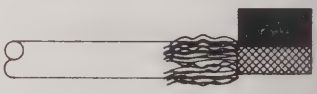


2. Fold first braid back against the jacket.



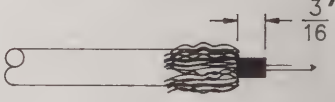
Note: If using "QS" style connectors, go to step 3, otherwise go to step 5.

3. Score the first foil and remove.

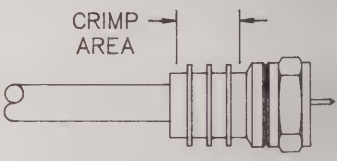


4. Fold second braid back against the jacket.

5. Cut and remove foil and dielectric to obtain 3/16" of exposure. Do not score the center conductor.



6. Insert the connector post over the foil and dielectric until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.

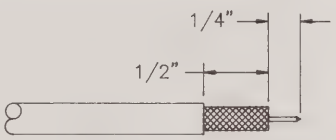


Part #	Hex Crimp	LRC Tool
F611CH	.470	CT611QS, CT214
F611QS	.470	CT611QS, CT214

Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" MALE CONNECTOR SERIES
F11CD, F611CHP, F11QS, F611QSP, F11QST

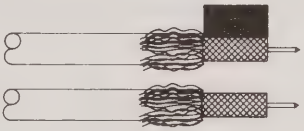
1. Using a knife, cut thru the jacket, braid, foil and dielectric to expose 1/4" of center conductor. Do not score center conductor. Remove 1/2" of jacket as shown. Do not score the braid.



2. Fold first braid back against the jacket.



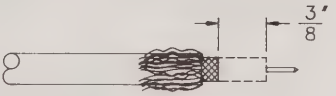
Note: If using "QS" style connectors, go to step 3, otherwise go to step 5.



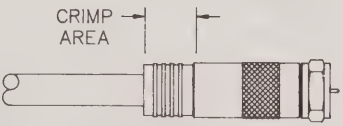
3. Score the first foil and remove.

4. Fold second braid back against the jacket.

5. Cut thru the bonded foil and dielectric to the center conductor, an additional 3/8" as shown, and remove. Do not score the center conductor.



6. Insert the connector post over the foil and dielectric until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.

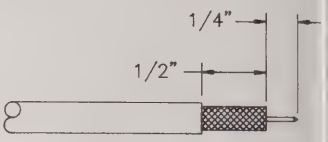


Part #	Hex Crimp	LRC Tool
F11CD	.470	CT611QS, CT214
F11QS	.470	CT611QS, CT214
F11QST	.470	CT611QS, CT214
F611CHP	.470	CT611QS, CT214
F611QSP	.470	CT611QS, CT214

Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" MALE CONNECTOR SERIES
F7CH, F7CD, F7QS

1. Using a knife, cut thru the jacket, braid, foil and dielectric to expose 1/4" of center conductor. Do not score center conductor. Remove 1/2" of jacket as shown. Do not score the braid.

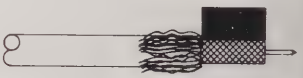


2. Fold first braid back against the jacket.

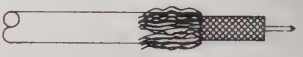


Note: If using "QS" style connectors, go to step 3, otherwise go to step 5.

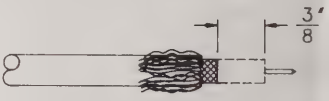
3. Score the first foil and remove.



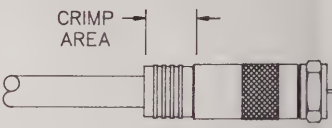
4. Fold second braid back against the jacket.



5. Cut thru the bonded foil and dielectric to the center conductor, an additional 3/8" as shown, and remove. Do not score the center conductor.



6. Insert the connector post over the foil and dielectric until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.



Part #	Hex Crimp	LRC Tool
F7CH	.470	CT611QS, CT214
F7CD	.470	CT611QS, CT214
F7QS	.470	CT611QS, CT214

Note: Wrench tighten connector 2 to 3 ft. lbs. torque.

"F" SECURITY SHIELD APPLICATION NOTES

Pat. No. 4,168,921

The LRC Security Shield is adaptable to most directional taps, converters and other equipment. However, the effectiveness of the shield is dependent upon selection of the proper unit for the equipment on which it is used.

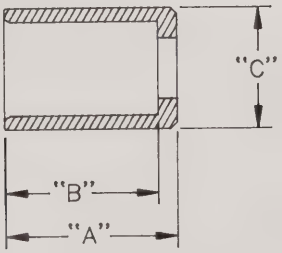
Shields are available in two styles of attachment, either slip on or thread on. The slip on features low cost, while the thread on gives increased effectiveness plus the advantage that it can be pre-assembled.

All shields are made of steel and are cadmium plated. For added protection, a yellow iridescent chromate finish is applied for high corrosion resistance.

Selection of the proper shield can be determined from the information below:

Part#	Attachment	DIM "A"	DIM "B"	DIM "C"	LRC Tool #
FCS3S	SLIP ON	.750	.670	.671	SST59U
FCS5T	THREAD ON	.750	.620	.671	SST59U
FCS9S	SLIP ON	1.025	.945	.671	SST59U
FCS9T	THREAD ON	1.075	.914	.687	SST59U
FCS11S	SLIP ON	2.000	1.920	.865	SST11
FCS10S	SLIP ON	1.500	1.420	.865	SST5910

Note: Shields for special application are available. Consult with LRC Product Engineering.



"F" SECURITY TERMINATORS
TRLF, TRLFA

1. Remove the desired cable from the tap or the splitter.

2. Install tool LTF to the back of the locking terminator to lock part together. Make sure that the tool is locked firmly into the TRLF c TRLFA.

3. With the terminator attached to the tool, tighten the terminator firml on the female port.

4. Hold the terminator and remove the tool. **Do not** let the terminato back off when removing the tool.

5. Replace the cable to the back of the terminator.

Procedure: Removal

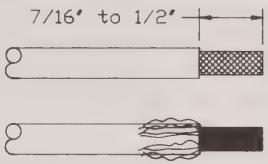
1. Remove the cable end from the back of the terminator and install too LTF firmly.

2. Remove the terminator by rotating the terminator body.

3. Reconnect the cable to the outlet.

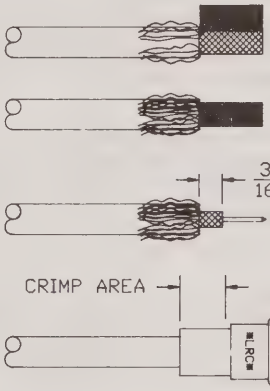
CABLE TO BNC PLUG, 1-PIECE CRIMP TYPE
31A001, 31A002, 31A003, 31A004, 31A005, 31A006, 31A013, 31A020, 31A021, 31A024, 31A041, 31A043

1. Using a sharp knife, cut thru the cable jacket 7/16" to 1/2" from the cable end to expose the braid. Do not score braid.
2. Fold first braid back against the jacket.



Note: If using quad shield cable (or double braid cable) go to step 3, otherwise go to step 5.

3. Score the first foil (if present) and remove.
4. Fold second braid back against the jacket.
5. Cut and remove foil (if present) and dielectric to obtain 3/16" of exposure. Do not score the center conductor.
6. Insert the connector post over the foil and dielectric until it bottoms. Select the proper hex crimp size from the chart below, then crimp the collar once in the area shown.

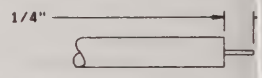


PVC Cable Series Ref.	Center # Conductor	Conn. Part#	Hex Crimp	LRC Crimp Tool
59	.032	31A001	.324	CT596, CT2460, HCT6QS, CT596QL2
59 QUAD	.032	31A002	.324	CT596, CT2460, HCT6QS, CT596QL2
59 HEADEND	.025	31A003	.360	CT2460, HCT6QS, CT596QL2
6	.040	31A004	.324	CT596, CT2460, HCT6QS, CT596QL2
6 QUAD	.040	31A005	.360	CT2460, HCT6QS, CR596QL2
RG58	.032	31A006	.260	CT596, HCT263
RG62	.025	31A013	.324	CT596, CT2460, HCT6QS, CT596QL2
59 (1*95%)	.032	31A020	.324	CT596, CT2460, HCT6QS, CT596QL2
59 (2*95%)	.025	31A021	.324	CT596, CT2460, HCT6QS, CT596QL2
VIDEO CABLE	.031	31A024	.384	HCT660, R731
6	.040	31A041	.324	CT596, CT2460, HCT6QS, CT596QL2
59 HEADEND	.032	31A043	.324	CT596, CT2460, HCT6QS, CT596QL2

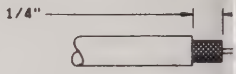
*Nominal diameter of solid center conductors.

RG-59B/U TO BNC PLUG, 3-PIECE TYPE 31A016, 31A019, 31A035

1. Using a knife, cut thru jacket, braid, foil and dielectric to expose 1/4" of center conductor. Do not score center conductor.



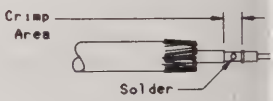
2. Using a knife, score cable jacket 1/4" from first cut as shown. Do not score the braid.



3. Fold the braid back against the jacket. To avoid any shorts, verify there are no loose foil strips where dielectric was cut.



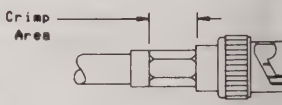
4. Place supplied terminal over exposed center conductor. While holding terminal against dielectric, crimp once using hex tool described below.



5. Place supplied crimp ring over braid as shown. Insert connector over cable making sure terminal lines up with thru hole of insulator.



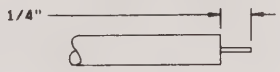
6. Connector is fully inserted when shoulder on terminal is flush with insulator end. Once connector is fully inserted, crimp the crimp ring once using hex tool described below.



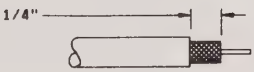
CABLE REF.	% SHIELD	LRC CONNECTOR PART #	SPLD TERMINAL PART #	HEX CRIMP	LRC TOOL PART #	SPLD CRIMP RING PART #	HEX CRIMP	LRC TOOL PART #
RG59/U	67%	31A016	610002	.068	HCT263	CR550	.263	HCT263
RG59B/U	95%	31A019	610009	.068	CR596QL2	330001	.324	CR596QL
RG59/U	95%	31A035	610002	.068	CR596QL2	330001	.324	CR596QL

RG58/U PVC TYPE CABLE TO 3-PIECE 50 OHM BNC PLUG 31B001, 31B004, 31B005

1. Using a sharp knife, cut through cable jacket, braid and dielectric to expose 1/4" of center conductor. Do not score the center conductor.



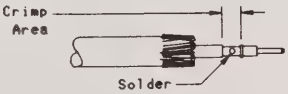
2. Score cable jacket 1/4" from first cut and remove. Do not score the braid.



3. Fold the braid back against the jacket.



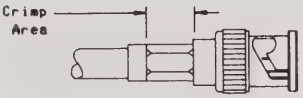
4. Place supplied terminal over exposed center conductor. While holding terminal against dielectric, solder using acceptable rosin core solder OR crimp once as shown, using 0.068" hex tool.



5. Place supplied crimp ring over braid as shown. Insert connector over cable making sure terminal lines up with hole in insulator.



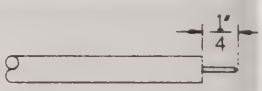
6. Connector is fully inserted when shoulder on terminal is flush with insulator (as viewed from the connector interface). Slide crimp ring to shoulder, then crimp once as shown, using 0.263" hex tool.



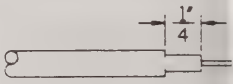
CONNECTOR PART NO.	CONTACT HEX	CRIMP RING HEX	LRC CRIMP TOOL
31B001	0.068"	0.263"	HCT263
31B004	0.068"	0.263"	HCT263
31B005	0.068"	0.263"	HCT263

RG58/U PLENUM TYPE CABLE TO 2-PIECE 50 OHM BNC PLUG 31B002, 31B003, 31B006

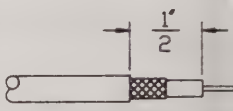
1. Using a sharp knife, cut thru the cable jacket, braid, and dielectric 1/4" from the cable end to expose the center conductor. Do not score center conductor.



2. Cut thru the cable jacket and braid 1/4" from the first cut to expose the dielectric.

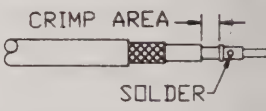


3. Cut thru the cable jacket, 1/2" from the first cut, to expose the braid. Do not score the braid. Do not fold the braid back over the jacket.



NOTE: BRAID DOES NOT FOLD BAC

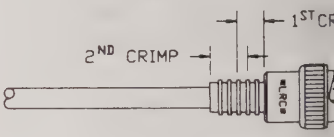
4. Place supplied terminal over exposed center conductor. While holding terminal against dielectric, solder using acceptable rosin core solder OR crimp once as shown, using 0.068"hex tool.



5. Insert connector over cable making sure terminal lines up with hole in insulator. Ensure that braid does not fold back over jacket. Connector is fully inserted when shoulder on terminal is flush with insulator (as viewed from the connector interface).



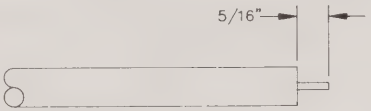
6. The attached crimp ring must be crimped in two places. Both crimps may overlap and the resulting hex flats should be lined up.



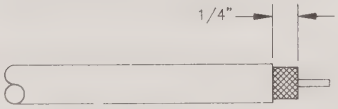
CONNECTOR PART NO.	CONTACT HEX	CRIMP RING HEX	LRC CRIMP TOOL
31B002	0.068"	0.263"	HCT263
31B003	0.068"	0.263"	HCT263
31B006	0.068"	0.263"	HCT263

BNC TWIST-ON CONNECTORS
31A007, 31A008, 31A010, 31A011, 31A012

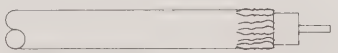
1. Using a sharp knife, cut thru cable jacket, braid and dielectric to expose 5/16" of center conductor. Do no score center conductor.



2. Cut thru cable jacket 1/4" from last cut, being sure not to score braid.



3. Fold first braid back evenly against the jacket.

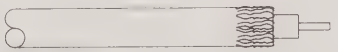


Note: If using "QS" style cable, go to step 4, otherwise step 6.

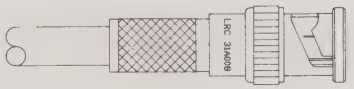
4. Score first foil then remove.



5. Fold second braid back evenly over the first braid.



6. Insert cable into connector, then twist connector (clockwise) onto cable until connector stops.



BNC SECURITY SHIELD

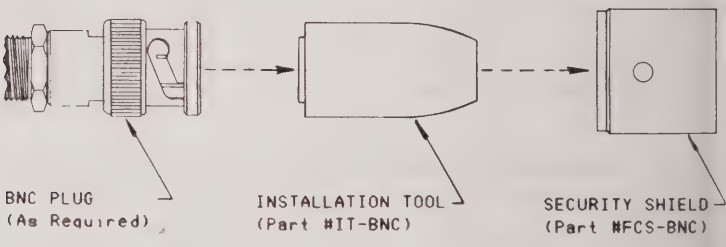
1. Press installation tool into shield from end containing plastic spacer to spread retaining spring.

2. Push installation tool thru shield with end of BNC connector so the retaining spring will fall into place on the connector.

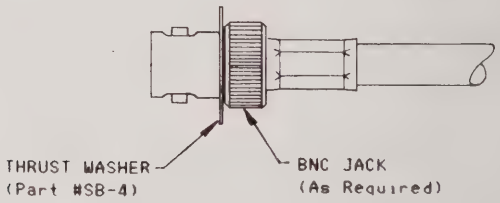
NOTE: Once the security shield is installed on the connector it cannot be removed.

3. To connect or disconnect the connector-shield combination, grip the connector thru the two side holes with the security shield tool and twist in the normal manner. (LRC Tool #SST-BNC)

4. Depending on the type drop wire used, additional security can be obtained by use of a standard LRC Security Shield in addition to the BNC shield.



5. If the shield is to be used on an extension cable, first install a thrust washer, LRC part number SB4, to prevent the security shield from being pushed over the mating connector.



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ALPHA • AMERICAN INS. WIRE • AT&T • BELDEN

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
9058					
9058A					
9058C					
9105					
9158					
9158S					
9804					
9848					
9858					

AMERICAN INS. WIRE

A50508					
A50509					
A50510					
A50511					
A50512					
A50513					
A55502					

AT&T

743A	SNS59	GB59SNS	IT1000	AMF59	CT2460

BELDEN

1151A					
1152A					
1153A					
1160A					
1161A					
1168A					
1186A	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
1189A	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
1426A					
82108					
8212					
82120					
8213					
8214					
8219					
8221					
82241					
8228					
8233					
8240					
8241					
8259					
8262					
8263	SNS59	GB59SNS	IT1000	AMF59	CT2460
8267					
8268					
8281					
83264					

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK BNC PLUG		BNC JACK BNC TOOL	
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
PL11CS		CT611QS		PL11CSBM		CT611QS
				31B003		HCT263
				31B003		HCT263
F56CHT		CT2460		31A041		CT2460
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B003		HCT263
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
PL59TQ	PL8159TQ	CT596		31A030		CT596
PL56QS		CT2460		31A032		CT2460
PL11QS		CT611QS		PL11QSBM		CT611QS
F7CD		CT611QS				
F7CD		CT611QS				
CF141		SOLDER-ON				
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59CN		CT2460		31A007	32A007	TWIST-ON
PL59CD	PL8159CD	CT596		31A028		CT596
				31A035		CR596QL2
PL56CS	PL8156CS	CT596		31A031		CT596
F11QST		CT611QS		11QSTBM		CT611QS
FT58S20		TWIST-ON		31B005		HCT263
F59CD		CT2460		31A019		CR596QL2
PL59CH		CT596		PL59CHBM		CT596
F56CHT		CT2460				
F11475TRX		CT611QS				
FT58		TWIST-ON		31B005		HCT263
F59CN		CT2460		31A019		CR596QL2
FT58S20		TWIST-ON		31A017		TWIST-ON
				31B001		HCT263
F59HB	F8159HB	CT2460	PNL59	31A019		CR596QL2
F304VC		HCT660		31A024		HCT660
PL120HB		HCT178				

BELDEN

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
86262					
87108					
87120					
87241					
87292					
88240					
88241					
88281					
89108					
89120					
89248					
89269					
89292					
89907					
9011	SNS11		L3011		
9012	SNS11		L3011		
9050	SNS59	GB59SNS	IT1000	AMF59	CT2460
9051	SNS59	GB59SNS	IT1000	AMF59	CT2460
9052	SNS59	GB59SNS	IT1000	AMF59	CT2460
9053	SNS59	GB59SNS	IT1000	AMF59	CT2460
9054	SNS59	GB59SNS	IT1000	AMF59	CT2460
9055	SNS59	GB59SNS	IT1000	AMF59	CT2460
9056	SNS6	GB6SNS	IT1000	AMF6	CT2460
9057	SNS6	GB6SNS	IT1000	AMF6	CT2460
9058	SNS6	GB6SNS	IT1000	AMF6	CT2460
9059	SNS6	GB6SNS	IT1000	AMF6	CT2460
9060	SNS6	GB6SNS	IT1000	AMF6	CT2460
9061	SNS6	GB6SNS	IT1000	AMF6	CT2460
9062	SNS6	GB6SNS	IT1000	AMF6	CT2460
9063	SNS59	GB59SNS	IT1000	AMF59	CT2460
9064	SNS11		L3011		
9065	SNS11		L3011		
9066	SNS6	GB6SNS	IT1000	AMF6	CT2460
9067	SNS59	GB59SNS	IT1000	AMF59	CT2460
9068					
9069	SNS59	GB59SNS	IT1000	AMF59	CT2460
9070	SNS59	GB59SNS	IT1000	AMF59	CT2460
9071	SNS6	GB6SNS	IT1000	AMF6	CT2460
9072	SNS6	GB6SNS	IT1000	AMF6	CT2460
9073	SNS59	GB59SNS	IT1000	AMF59	CT2460
9074	SNS6	GB6SNS	IT1000	AMF6	CT2460
9077	SNS6	GB6SNS	IT1000	AMF6	CT2460
9078	SNS6	GB6SNS	IT1000	AMF6	CT2460
9081	SNS59	GB59SNS	IT1000	AMF59	CT2460
9082	SNS59	GB59SNS	IT1000	AMF59	CT2460
9083	SNS6	GB6SNS	IT1000	AMF6	CT2460
9084	SNS6	GB6SNS	IT1000	AMF6	CT2460
9100	SNS59	GB59SNS	IT1000	AMF59	CT2460
9101	SNS59	GB59SNS	IT1000	AMF59	CT2460
9102	SNS59	GB59SNS	IT1000	AMF59	CT2460
9103	SNS59	GB59SNS	IT1000	AMF59	CT2460
9104	SNS59	GB59SNS	IT1000	AMF59	CT2460
9105	SNS59	GB59SNS	IT1000	AMF59	CT2460
9106	SNS59	GB59SNS	IT1000	AMF59	CT2460
9107	SNS59	GB59SNS	IT1000	AMF59	CT2460
9108	SNS59	GB59SNS	IT1000	AMF59	CT2460
9109	SNS59	GB59SNS	IT1000	AMF59	CT2460
9110	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
PL59CS	PL8159CS	CT596		31A029		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
PL56CS	PL8156CS	CT596		31A031		CT596
				PL59CHBM		CT596
PL11CS		CT611QS		PL11CSBM		CT611QS
				31B003		HCT263
PL59CH		CT596		PL59CHBM		CT596
PL304VC		HCT6QS		31A042		HCT6QS
PL59CS	PL8159CS	CT596		31A029		CT596
PL56CS	PL8156CS	CT596		31A031		CT596
PL56CH		CT2460		PL56CHBM		CT2460
PL59CD	PL8159CD	CT596		31A028		CT596
PL11CS		CT611QS		PL11CSBM		CT611QS
				31B006		HCT263
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F60CH		CT596				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

BELDEN

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
9111	SNS59	GB59SNS	IT1000	AMF59	CT2460
9112	SNS59	GB59SNS	IT1000	AMF59	CT2460
9113	SNS59	GB59SNS	IT1000	AMF59	CT2460
9114	SNS6	GB6SNS	IT1000	AMF6	CT2460
9115	SNS6	GB6SNS	IT1000	AMF6	CT2460
9116	SNS6	GB6SNS	IT1000	AMF6	CT2460
9117	SNS6	GB6SNS	IT1000	AMF6	CT2460
9118	SNS6	GB6SNS	IT1000	AMF6	CT2460
9119	SNS6	GB6SNS	IT1000	AMF6	CT2460
9121	SNS59	GB59SNS	IT1000	AMF59	CT2460
9123	SNS6	GB6SNS	IT1000	AMF6	CT2460
9124	SNS59	GB59SNS	IT1000	AMF59	CT2460
9134	SNS59	GB59SNS	IT1000	AMF59	CT2460
9146					
9165					
9167	SNS59	GB59SNS	IT1000	AMF59	CT2460
9168	SNS6	GB6SNS	IT1000	AMF6	CT2460
9193					
9201					
9203					
9204					
9207					
9230					
9231					
9240					
9243	SNS59	GB59SNS	IT1000	AMF59	CT2460
9244	SNS59	GB59SNS	IT1000	AMF59	CT2460
9248					
9259					
9266	SNS59	GB59SNS	IT1000	AMF59	CT2460
9268					
9269					
9274					
9275	SNS59	GB59SNS	IT1000	AMF59	CT2460
9276	SNS59	GB59SNS	IT1000	AMF59	CT2460
9277	SNS59	GB59SNS	IT1000	AMF59	CT2460
9291					
9292	SNS11		L3011		
9301	SNS59	GB59SNS	IT1000	AMF59	CT2460
9303	SNS59	GB59SNS	IT1000	AMF59	CT2460
9310					
9311					
9381	SNS6	GB6SNS	IT1000	AMF6	CT2460
9382	SNS6	GB6SNS	IT1000	AMF6	CT2460
9383	SNS6	GB6SNS	IT1000	AMF6	CT2460
9555	SNS59	GB59SNS	IT1000	AMF59	CT2460
9586	SNS6	GB6SNS	IT1000	AMF6	CT2460
9587	SNS6	GB6SNS	IT1000	AMF6	CT2460
9588	SNS59	GB59SNS	IT1000	AMF59	CT2460
9589	SNS59	GB59SNS	IT1000	AMF59	CT2460
9590	SNS59	GB59SNS	IT1000	AMF59	CT2460
9659					
9764	SNS11		L3011		
9864	SNS11		L3011		
9907					
9913					

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CC		CT2460		31A010		
				31A019		HCT6QS
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F7CD		CT611QS				
				31B001		HCT263
				31B001		HCT263
				31A019		CR596QL2
PL11WG		HCT211				
F304VC		HCT660		31A024		HCT660
F59CD		CT2460		31A019		CR596QL2
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CD		CT2460	PNL59	31A019		CR596QL2
F56CC		CT2460		31A010		
				31A035		CR596QL2
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
				31A013		HCT6QS
				31A013		HCT6QS
F59CN		CT2460		31A035		CR596QL2
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CN		CT2460				
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
				31A006		CT596
				31B001		HCT263
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A019		CR596QL2
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
				31A035		CR596QL2
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F62CD		HCT263		31B005		HCT263

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
640053					
640079					

COMM/SCOPE

4100100					
4100200					
6612	SNS59	GB59SNS	IT1000	AMF59	CT2460
F1160BEF	SNS11		L3011		
F1160BTP					
F1160BV	SNS11		L3011		
F1160BV-APD	SNS11		L3011		
F1160BV-CRD	SNS11		L3011		
F1160BVM	SNS11		L3011		
F1160BVM-APD	SNS11		L3011		
F1160BVM-CRD	SNS11		L3011		
F1160BVR	SNS11		L3011		
F1160EF	SNS11		L3011		
F1160V	SNS11		L3011		
F1160VM	SNS11		L3011		
F11SSEF	SNS11		L3011		
F11SSTP					
F11SSV	SNS11		L3011		
F11SSVM	SNS11		L3011		
F11SSVR	SNS11		L3011		
F2-1160BV	SNS11		L3011		
F2-1160BVM	SNS11		L3011		
F2-5940BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5940BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967BEF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5967VM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5995BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-5995V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-59SSEF	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F2-59SSV	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F2-59SSVM	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F2-59TSV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-59TSVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F2-660BEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-660BV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-660BVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-660EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-660V	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-690BEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-690BV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-690BVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F2-6SSEF	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F2-6SSV	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F2-6SSVM	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F2-6TSV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F5940BEF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5940BV	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
				31B002		HCT263
				31B002		HCT263
PL56CS	PL8156CS	CT596		31A031		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
F59HB	F8159HB	CT2460	PNL59			
F11QS		CT611QS		11QSBM		CT611QS
PL11CS		CT611QS		PL11CSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
PL11QS		CT611QS		PL11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
F5940BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5940EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5940V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5940VM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953BEF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5953VM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BEF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BTP					
F5967BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BV-APD	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BV-CRD	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVM-APD	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVM-CRD	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVR	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967BVX	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5967VM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5977RSVV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995BV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995BVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995BVR	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995BVV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995BVX	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995V	SNS59	GB59SNS	IT1000	AMF59	CT2460
F5995VM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F59HEC2 PR770					
F59PR39					
F59SSEF	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59SSTP					
F59SSV	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59SSVM	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59SSVR	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59SSVV	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59SSVX	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
F59TSV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F59TSVM	SNS59	GB59SNS	IT1000	AMF59	CT2460
F59TSVV	SNS59	GB59SNS	IT1000	AMF59	CT2460
F640BEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F640BV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F640BVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F640EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F640V	SNS6	GB6SNS	IT1000	AMF6	CT2460
F640VM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BTP					
F660BV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BV-APD	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BV-CRD	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BVM-APD	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BVM-CRD	SNS6	GB6SNS	IT1000	AMF6	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
PL59CS	PL8159CS	CT596		31A029		CT596
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HEC	F8159HEC	CT2460		31A043		CT2460
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
PL59TQ	PL8159TQ	CT596		31A030		CT596
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
PL56CH		CT2460		PL56CHBM		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
F660BVR	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BVV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660BVX	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660V	SNS6	GB6SNS	IT1000	AMF6	CT2460
F660VM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F677TSEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BEF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BVR	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BVV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690BVX	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690V	SNS6	GB6SNS	IT1000	AMF6	CT2460
F690VM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F6SSEF	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6SSTP					
F6SSV	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6SSVM	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6SSVR	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6SSVV	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6SSVX	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
F6TSV	SNS6	GB6SNS	IT1000	AMF6	CT2460
F6TSVM	SNS6	GB6SNS	IT1000	AMF6	CT2460
F760BEF	SNS7AS		L3011B		
F760BV	SNS7AS		L3011B		
F760BV-APD	SNS7AS		L3011B		
F760BV-CRD	SNS7AS		L3011B		
F760BVM	SNS7AS		L3011B		
F760BVM-APD	SNS7AS		L3011B		
F760BVM-CRD	SNS7AS		L3011B		
F7SSEF					
F7SSV					
F7SSVM					
S2-5967EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
S2-660EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
S59-HEC					
S5940EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
S5953EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
S5967EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
S5995EF	SNS59	GB59SNS	IT1000	AMF59	CT2460
S640EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
S660EF	SNS6	GB6SNS	IT1000	AMF6	CT2460
S690EF	SNS6	GB6SNS	IT1000	AMF6	CT2460

COMM/SCOPE NETWORK

0132K		
2020		
2020K		
2022		
2039		
2040		
2041		
2045		

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
PL56QS		CT2460		31A032		CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F7CH		CT611QS				
F59CH	F8159CH	CT2460	PNL59			
F56CH	F8156CH	HCT6QS	PNL6			
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F59CH	F8159CH	CT2460	PNL59			
F59CH	F8159CH	CT2460	PNL59			
F59CH	F8159CH	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F56CH	F8156CH	HCT6QS	PNL6			
F56CH	F8156CH	HCT6QS	PNL6			
F56CH	F8156CH	HCT6QS	PNL6			

PL56CS	PL8156CS	CT596		31A031		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
PL59TQ	PL8159TQ	CT596		31A030		CT596
PL59CH		CT596		PL59CHBM		CT596
PL59CH		CT596		PL59CHBM		CT596
PL59CH		CT596				
PL59CD	PL8159CD	CT596		31A028		CT596

COMM/SCOPE NETWORK

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
2095					
2096					
2100					
2100K					
2104					
2104K					
2120					
2227					
2250					
2251					
2275					
2275K					
2279					
2280					
2285					
2287					
2311					
2312					
2525					
3104					
3111					
3112					
3123					
3125					
3130					
3135					
3137					
3139					
3240					
4101					
4102					
4103					
4104					
4105					
5540	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5552	SNS59	GB59SNS	IT1000	AMF59	CT2460
5553	SNS59	GB59SNS	IT1000	AMF59	CT2460
5555	SNS59	GB59SNS	IT1000	AMF59	CT2460
5556	SNS59	GB59SNS	IT1000	AMF59	CT2460
5557	SNS59	GB59SNS	IT1000	AMF59	CT2460
5559	SNS59	GB59SNS	IT1000	AMF59	CT2460
5560	SNS59	GB59SNS	IT1000	AMF59	CT2460
5563	SNS59	GB59SNS	IT1000	AMF59	CT2460
5567	SNS59	GB59SNS	IT1000	AMF59	CT2460
5569	SNS59	GB59SNS	IT1000	AMF59	CT2460
5571	SNS59	GB59SNS	IT1000	AMF59	CT2460
5572	SNS59	GB59SNS	IT1000	AMF59	CT2460
5573	SNS59	GB59SNS	IT1000	AMF59	CT2460
5575	SNS59	GB59SNS	IT1000	AMF59	CT2460
5585	SNS59	GB59SNS	IT1000	AMF59	CT2460
5586	SNS59	GB59SNS	IT1000	AMF59	CT2460
5589	SNS59	GB59SNS	IT1000	AMF59	CT2460
5700					
5715	SNS6	GB6SNS	IT1000	AMF6	CT2460
5725	SNS6	GB6SNS	IT1000	AMF6	CT2460
5726	SNS6	GB6SNS	IT1000	AMF6	CT2460
5727	SNS6	GB6SNS	IT1000	AMF6	CT2460
5730	SNS6	GB6SNS	IT1000	AMF6	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
PL59CH		CT596				
PL59CS	PL8159CS	CT596		31A029		CT596
				31B003		HCT263
				31B003		HCT263
				31B002		HCT263
				31B002		HCT263
				31B003		HCT263
PL56QS		CT2460		31A032		CT2460
PL59CS	PL8159CS	CT596		31A029		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
PL56CH		CT2460		PL56CHBM		CT2460
PL56CS	PL8156CS	CT596		31A031		CT596
PL56CS	PL8156CS	CT596		31A031		CT596
PL11CS		CT611QS		PL11CSBM		CT611QS
PL11QS		CT611QS		PL11QSBM		CT611QS
PL304VC		HCT6QS		31A042		HCT6QS
				31B004		HCT263
				31A017		TWIST-ON
				31A006		CT596
				31A006		CT596
				31A017		TWIST-ON
				31B001		HCT263
				31A017		TWIST-ON
				31A017		TWIST-ON
				31B001		HCT263
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A013		CT2460
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59			
F56CD	F8156CD	CT2460		31A023		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460

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CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
5740	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
5750	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
5786	SNS6	GB6SNS	IT1000	AMF6	CT2460
5903					
5913	SNS11		L3011		
5915	SNS11		L3011		
5916	SNS11		L3011		
5917	SNS11		L3011		
5918	SNS11		L3011		
5940	SNS11		L3011		
6200	SNS59	GB59SNS	IT1000	AMF59	CT2460
6201	SNS59	GB59SNS	IT1000	AMF59	CT2460
6205	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
6605	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
6608	SNS59	GB59SNS	IT1000	AMF59	CT2460
6609	SNS59	GB59SNS	IT1000	AMF59	CT2460
6611	SNS59	GB59SNS	IT1000	AMF59	CT2460
6615	SNS59	GB59SNS	IT1000	AMF59	CT2460
7500					
7505					
7555					
7713					
7714					
7715					
7820					
7901					

CONSOLIDATED WIRE

4405					
4413					
4449					
4450					
4474					

CONSUMER WIRE

4028					
4029					
4030					
9100					
9120					
9160					
9165					
9200					

DEARBORN

6058					
6058A					
6058B					
6058C					

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11CD		CT611QS		11CDBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59QS	F8159QS	HCT6QS	PNL59			
F59QS	F8159QS	HCT6QS	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59			
F59HB	F8159HB	CT2460	PNL59	31A013		CT2460
F304VC		HCT660		31A024		HCT660
F304VC		HCT660		31A024		HCT660
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F11475TRX		CT611QS				
				31B001		HCT263
				31B002		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263

GENERAL INSTRUMENT • MOHAWK • REMEE • SAXTON • SCIENTIFIC-ATLANTA • TIMES

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
3111					
3123					
3125					
3135					
3137					

MOHAWK

LT17657					
M56631					

REMEE

1400					
1420					
1450					
1460					
1470					
1480					
1490					

SAXTON

1586					
1601					
68266					
8292					

SCIENTIFIC-ATLANTA

31-375CX					
32-375CX					
5-1008	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1008M	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1009	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1009M	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1010	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1010M	SNS59	GB59SNS	IT1000	AMF59	CT2460
5-1013	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5-2001	SNS59QS	GB59QSNS	IT1000		
6-1008	SNS6	GB6SNS	IT1000	AMF6	CT2460
6-1008M	SNS6	GB6SNS	IT1000	AMF6	CT2460
6-1010	SNS6	GB6SNS	IT1000	AMF6	CT2460
6-1010M	SNS6	GB6SNS	IT1000	AMF6	CT2460
6-1013	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
7-1002	SNS11		L3011		

TIMES

2040	SNS59QS	GB59QSNS	IT1000		
2045	SNS59	GB59SNS	IT1000	AMF59	CT2460
2047	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
F56QS		HCT6QS				
				31A045		HCT6QS
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
				31B001		HCT263
F11QST		CT611QS		11QSTBM		CT611QS
F56CHT		CT2460				
PL59CH		CT596				
F59CD		CT2460		31A019		CR596QL2
F375CX		CT611QS				
F375CX		CT611QS				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QS		CT611QS		11QSBM		CT611QS
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

TIMES

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
2048	SNS59	GB59SNS	IT1000	AMF59	CT2460
2050	SNS59	GB59SNS	IT1000	AMF59	CT2460
2055	SNS59	GB59SNS	IT1000	AMF59	CT2460
2056	SNS6	GB6SNS	IT1000	AMF6	CT2460
2058					
2060	SNS6	GB6SNS	IT1000	AMF6	CT2460
2062	SNS11		L3011		
2064	SNS6	GB6SNS	IT1000	AMF6	CT2460
2066	SNS11		L3011		
2069	SNS11		L3011		
2070	SNS59	GB59SNS	IT1000	AMF59	CT2460
2071					
2072					
2074	SNS59	GB59SNS	IT1000	AMF59	CT2460
2082	SNS11		L3011		
2084	SNS6	GB6SNS	IT1000	AMF6	CT2460
2086	SNS6	GB6SNS	IT1000	AMF6	CT2460
2091	SNS6	GB6SNS	IT1000	AMF6	CT2460
2096	SNS6	GB6SNS	IT1000	AMF6	CT2460
2150					
2183	SNS59	GB59SNS	IT1000	AMF59	CT2460
2184	SNS59	GB59SNS	IT1000	AMF59	CT2460
2185	SNS59	GB59SNS	IT1000	AMF59	CT2460
2186	SNS59	GB59SNS	IT1000	AMF59	CT2460
2240	SNS59HEC		IT1000		
2240V	SNS59HEC		IT1000		
2245	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2247	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2248	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2250	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2252	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2253	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2255	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2256	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2258					
2260	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2262					
2264	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2266					
2269					
2270	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2271					
2272					
2274	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
2282					
2284	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2286	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2291	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2296	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2309	SNS59	GB59SNS	IT1000	AMF59	CT2460
2316	SNS59	GB59SNS	IT1000	AMF59	CT2460
2317	SNS59	GB59SNS	IT1000	AMF59	CT2460
2319	SNS59	GB59SNS	IT1000	AMF59	CT2460
2345	SNS59	GB59SNS	IT1000	AMF59	CT2460
2347	SNS59	GB59SNS	IT1000	AMF59	CT2460
2348	SNS59	GB59SNS	IT1000	AMF59	CT2460
2350	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F611CH		CT611QS				
F611CH		CT611QS				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F60CH		CT596				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HEC	F8159HEC	CT2460		31A043		CT2460
F59HEC	F8159HEC	CT2460		31A043		CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F611QS		CT611QS				
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QST		CT611QS		11QSTBM		CT611QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QST		CT611QS		11QSTBM		CT611QS
F11QST		CT611QS		11QSTBM		CT611QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F611QS		CT611QS				
F611QS		CT611QS				
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F11QST		CT611QS		11QSTBM		CT611QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

TIMES

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
2352	SNS59	GB59SNS	IT1000	AMF59	CT2460
2353	SNS6	GB6SNS	IT1000	AMF6	CT2460
2355	SNS59	GB59SNS	IT1000	AMF59	CT2460
2356	SNS6	GB6SNS	IT1000	AMF6	CT2460
2358					
2360	SNS6	GB6SNS	IT1000	AMF6	CT2460
2362	SNS11		L3011		
2364	SNS6	GB6SNS	IT1000	AMF6	CT2460
2366	SNS11		L3011		
2369	SNS11		L3011		
2370	SNS59	GB59SNS	IT1000	AMF59	CT2460
2371					
2372					
2374	SNS59	GB59SNS	IT1000	AMF59	CT2460
2382	SNS11		L3011		
2384	SNS6	GB6SNS	IT1000	AMF6	CT2460
2386	SNS6	GB6SNS	IT1000	AMF6	CT2460
2391	SNS6	GB6SNS	IT1000	AMF6	CT2460
2396	SNS6	GB6SNS	IT1000	AMF6	CT2460
2545	SNS59	GB59SNS	IT1000	AMF59	CT2460
2547	SNS59	GB59SNS	IT1000	AMF59	CT2460
2548	SNS59	GB59SNS	IT1000	AMF59	CT2460
2560	SNS6	GB6SNS	IT1000	AMF6	CT2460
2564	SNS6	GB6SNS	IT1000	AMF6	CT2460
2570	SNS59	GB59SNS	IT1000	AMF59	CT2460
2574	SNS59	GB59SNS	IT1000	AMF59	CT2460
2586	SNS6	GB6SNS	IT1000	AMF6	CT2460
2591	SNS6	GB6SNS	IT1000	AMF6	CT2460
2600	SNS59	GB59SNS	IT1000	AMF59	CT2460
2602	SNS59	GB59SNS	IT1000	AMF59	CT2460
2603	SNS59	GB59SNS	IT1000	AMF59	CT2460
2604	SNS59	GB59SNS	IT1000	AMF59	CT2460
2607	SNS59	GB59SNS	IT1000	AMF59	CT2460
2608	SNS59	GB59SNS	IT1000	AMF59	CT2460
2609	SNS59	GB59SNS	IT1000	AMF59	CT2460
2620	SNS6	GB6SNS	IT1000	AMF6	CT2460
2622	SNS6	GB6SNS	IT1000	AMF6	CT2460
2623	SNS6	GB6SNS	IT1000	AMF6	CT2460
2624	SNS6	GB6SNS	IT1000	AMF6	CT2460
2627	SNS6	GB6SNS	IT1000	AMF6	CT2460
2628	SNS6	GB6SNS	IT1000	AMF6	CT2460
2629	SNS6	GB6SNS	IT1000	AMF6	CT2460
26A6V	SNS59	GB59SNS	IT1000	AMF59	CT2460
32045	SNS59	GB59SNS	IT1000	AMF59	CT2460
32047	SNS59	GB59SNS	IT1000	AMF59	CT2460
32048	SNS59	GB59SNS	IT1000	AMF59	CT2460
32050	SNS59	GB59SNS	IT1000	AMF59	CT2460
32058					
32060	SNS6	GB6SNS	IT1000	AMF6	CT2460
32062	SNS11		L3011		
32064	SNS6	GB6SNS	IT1000	AMF6	CT2460
32066	SNS11		L3011		
32069	SNS11		L3011		
32071					
32084	SNS6	GB6SNS	IT1000	AMF6	CT2460
32096	SNS6	GB6SNS	IT1000	AMF6	CT2460
32183	SNS59	GB59SNS	IT1000	AMF59	CT2460
32185	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F611CH		CT611QS				
F611CH		CT611QS				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

TIMES

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
32245	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
32247	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
32248	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
32250	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
32258					
32260	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
32262					
32264	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
32266					
32269					
32271					
32284	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
32296	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
32316	SNS59	GB59SNS	IT1000	AMF59	CT2460
32317	SNS59	GB59SNS	IT1000	AMF59	CT2460
32345	SNS59	GB59SNS	IT1000	AMF59	CT2460
32347	SNS59	GB59SNS	IT1000	AMF59	CT2460
32348	SNS59	GB59SNS	IT1000	AMF59	CT2460
32350	SNS59	GB59SNS	IT1000	AMF59	CT2460
32358					
32360	SNS6	GB6SNS	IT1000	AMF6	CT2460
32362	SNS11		L3011		
32364	SNS6	GB6SNS	IT1000	AMF6	CT2460
32366	SNS11		L3011		
32369	SNS11		L3011		
32371					
32384	SNS6	GB6SNS	IT1000	AMF6	CT2460
32396	SNS6	GB6SNS	IT1000	AMF6	CT2460
32545	SNS59	GB59SNS	IT1000	AMF59	CT2460
32547	SNS59	GB59SNS	IT1000	AMF59	CT2460
32548	SNS59	GB59SNS	IT1000	AMF59	CT2460
32560	SNS6	GB6SNS	IT1000	AMF6	CT2460
32564	SNS6	GB6SNS	IT1000	AMF6	CT2460
32602	SNS59	GB59SNS	IT1000	AMF59	CT2460
32603	SNS59	GB59SNS	IT1000	AMF59	CT2460
32607	SNS59	GB59SNS	IT1000	AMF59	CT2460
32608	SNS59	GB59SNS	IT1000	AMF59	CT2460
32622	SNS6	GB6SNS	IT1000	AMF6	CT2460
32623	SNS6	GB6SNS	IT1000	AMF6	CT2460
32627	SNS6	GB6SNS	IT1000	AMF6	CT2460
32628	SNS6	GB6SNS	IT1000	AMF6	CT2460
4006	SNS59QS	GB59QSNS	IT1000		
4007					
42183	SNS59	GB59SNS	IT1000	AMF59	CT2460
42183V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42184V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42185	SNS59	GB59SNS	IT1000	AMF59	CT2460
42186	SNS59	GB59SNS	IT1000	AMF59	CT2460
42240V	SNS59HEC		IT1000		
42245	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
42245V	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
42247	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
42248V	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
42253	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42260	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42260V	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42264	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42270V	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F611QS		CT611QS				
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QST		CT611QS		11QSTBM		CT611QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QST		CT611QS		11QSTBM		CT611QS
F11QST		CT611QS		11QSTBM		CT611QS
F611QS		CT611QS				
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F611CH		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HEC	F8159HEC	CT2460		31A003	32A003	CT2460
F60CH		CT596				
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59HEC	F8159HEC	CT2460		31A043		CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS

TIMES

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
42286	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42291V	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
42316V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42345	SNS59	GB59SNS	IT1000	AMF59	CT2460
42345V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42347	SNS59	GB59SNS	IT1000	AMF59	CT2460
42353	SNS6	GB6SNS	IT1000	AMF6	CT2460
42360	SNS6	GB6SNS	IT1000	AMF6	CT2460
42360V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42364	SNS6	GB6SNS	IT1000	AMF6	CT2460
42374	SNS59	GB59SNS	IT1000	AMF59	CT2460
42384V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42386	SNS6	GB6SNS	IT1000	AMF6	CT2460
42391V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42396V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42545V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42560V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42564	SNS6	GB6SNS	IT1000	AMF6	CT2460
42586	SNS6	GB6SNS	IT1000	AMF6	CT2460
42591V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42607V	SNS59	GB59SNS	IT1000	AMF59	CT2460
42620V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42623	SNS6	GB6SNS	IT1000	AMF6	CT2460
42625V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42627V	SNS6	GB6SNS	IT1000	AMF6	CT2460
42628	SNS6	GB6SNS	IT1000	AMF6	CT2460
42629	SNS6	GB6SNS	IT1000	AMF6	CT2460
52003					
52008					
52012					
52013					
52103					
52108					
52112					
52113					
58B					
58C					
92183V	SNS59	GB59SNS	IT1000	AMF59	CT2460
92185	SNS59	GB59SNS	IT1000	AMF59	CT2460
92260V	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
92264	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
92316V	SNS59	GB59SNS	IT1000	AMF59	CT2460
92345	SNS59	GB59SNS	IT1000	AMF59	CT2460
92360V	SNS6	GB6SNS	IT1000	AMF6	CT2460
92364	SNS6	GB6SNS	IT1000	AMF6	CT2460
92560V	SNS6	GB6SNS	IT1000	AMF6	CT2460
92564	SNS6	GB6SNS	IT1000	AMF6	CT2460
92622V	SNS6	GB6SNS	IT1000	AMF6	CT2460
92623	SNS6	GB6SNS	IT1000	AMF6	CT2460
92627V	SNS6	GB6SNS	IT1000	AMF6	CT2460
92628	SNS6	GB6SNS	IT1000	AMF6	CT2460
E86650	SNS59HEC		IT1000		
PL59					
PLF59					
PLQ11					
PLQ59					
PLQ6					

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
PL56QS		CT2460		31A032		CT2460
PL11QS		CT611QS		PL11QSBM		CT611QS
PL59CS	PL8159CS	CT596		31A029		CT596
PL59TQ	PL8159TQ	CT596		31A030		CT596
PL56QS		CT2460		31A032		CT2460
PL11QS		CT611QS		PL11QSBM		CT611QS
PL59CS	PL8159CS	CT596		31A029		CT596
PL59TQ	PL8159TQ	CT596		31A030		CT596
				31B001		HCT263
				31B001		HCT263
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F59HEC	F8159HEC	CT2460		31A043		CT2460
PL59CS	PL8159CS	CT596		31A029		CT596
PL59CS	PL8159CS	CT596		31A029		CT596
PL11TQ		CT611QS				
PL59TQ	PL8159TQ	CT596		31A030		CT596
PL56QS		CT2460		31A032		CT2460

TRILOGY

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
1100	SNS11		L3011		
1101	SNS11		L3011		
1102	SNS11		L3011		
1103	SNS11		L3011		
1120	SNS11		L3011		
1121	SNS11		L3011		
1122	SNS11		L3011		
1123	SNS11		L3011		
1140					
1141					
1142					
1150					
1151					
1152					
5900	SNS59	GB59SNS	IT1000	AMF59	CT2460
5901	SNS59	GB59SNS	IT1000	AMF59	CT2460
5902	SNS59	GB59SNS	IT1000	AMF59	CT2460
5903	SNS59	GB59SNS	IT1000	AMF59	CT2460
5906	SNS59	GB59SNS	IT1000	AMF59	CT2460
5907	SNS59	GB59SNS	IT1000	AMF59	CT2460
5908	SNS59	GB59SNS	IT1000	AMF59	CT2460
5909	SNS59	GB59SNS	IT1000	AMF59	CT2460
5910	SNS59	GB59SNS	IT1000	AMF59	CT2460
5911	SNS59	GB59SNS	IT1000	AMF59	CT2460
5912	SNS59	GB59SNS	IT1000	AMF59	CT2460
5913	SNS59	GB59SNS	IT1000	AMF59	CT2460
5916	SNS59	GB59SNS	IT1000	AMF59	CT2460
5917	SNS59	GB59SNS	IT1000	AMF59	CT2460
5918	SNS59	GB59SNS	IT1000	AMF59	CT2460
5919	SNS59	GB59SNS	IT1000	AMF59	CT2460
5920	SNS59	GB59SNS	IT1000	AMF59	CT2460
5921	SNS59	GB59SNS	IT1000	AMF59	CT2460
5922	SNS59	GB59SNS	IT1000	AMF59	CT2460
5923	SNS59	GB59SNS	IT1000	AMF59	CT2460
5940	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5941	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5942	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5943	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5946	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5947	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5948	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5949	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5950	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5951	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5952	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5953	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5956	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5957	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5958	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5959	SNS59QS	GB59QSNS	IT1000	AMF59	CT2460
5960	SNS59	GB59SNS	IT1000	AMF59	CT2460
5961	SNS59	GB59SNS	IT1000	AMF59	CT2460
5962	SNS59	GB59SNS	IT1000	AMF59	CT2460
5963	SNS59	GB59SNS	IT1000	AMF59	CT2460
5970	SNS59	GB59SNS	IT1000	AMF59	CT2460
5971	SNS59	GB59SNS	IT1000	AMF59	CT2460
5972	SNS59	GB59SNS	IT1000	AMF59	CT2460
5973	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QST		CT611QS		11QSTBM		CT611QS
F11QST		CT611QS		11QSTBM		CT611QS
F11QST		CT611QS		11QSTBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59QS	F8159QS	HCT6QS	PNL59	31A002	32A002	HCT6QS
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A020		CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
5980	SNS59	GB59SNS	IT1000	AMF59	CT2460
5981	SNS59	GB59SNS	IT1000	AMF59	CT2460
5982	SNS59	GB59SNS	IT1000	AMF59	CT2460
5983	SNS59	GB59SNS	IT1000	AMF59	CT2460
5990	SNS59	GB59SNS	IT1000	AMF59	CT2460
5991	SNS59	GB59SNS	IT1000	AMF59	CT2460
5992	SNS59	GB59SNS	IT1000	AMF59	CT2460
5993	SNS59	GB59SNS	IT1000	AMF59	CT2460
6000	SNS6	GB6SNS	IT1000	AMF6	CT2460
6001	SNS6	GB6SNS	IT1000	AMF6	CT2460
6002	SNS6	GB6SNS	IT1000	AMF6	CT2460
6003	SNS6	GB6SNS	IT1000	AMF6	CT2460
6006	SNS6	GB6SNS	IT1000	AMF6	CT2460
6007	SNS6	GB6SNS	IT1000	AMF6	CT2460
6008	SNS6	GB6SNS	IT1000	AMF6	CT2460
6009	SNS6	GB6SNS	IT1000	AMF6	CT2460
6020	SNS6	GB6SNS	IT1000	AMF6	CT2460
6021	SNS6	GB6SNS	IT1000	AMF6	CT2460
6022	SNS6	GB6SNS	IT1000	AMF6	CT2460
6023	SNS6	GB6SNS	IT1000	AMF6	CT2460
6040	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6041	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6042	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6043	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6046	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6047	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6048	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6049	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6050	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6051	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6052	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6053	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6056	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6057	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6058	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6059	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
6060	SNS6	GB6SNS	IT1000	AMF6	CT2460
6061	SNS6	GB6SNS	IT1000	AMF6	CT2460
6062	SNS6	GB6SNS	IT1000	AMF6	CT2460
6063	SNS6	GB6SNS	IT1000	AMF6	CT2460
6070	SNS6	GB6SNS	IT1000	AMF6	CT2460
6071	SNS6	GB6SNS	IT1000	AMF6	CT2460
6072	SNS6	GB6SNS	IT1000	AMF6	CT2460
6073	SNS6	GB6SNS	IT1000	AMF6	CT2460
6080	SNS6	GB6SNS	IT1000	AMF6	CT2460
6081	SNS6	GB6SNS	IT1000	AMF6	CT2460
6082	SNS6	GB6SNS	IT1000	AMF6	CT2460
6083	SNS6	GB6SNS	IT1000	AMF6	CT2460
6090	SNS6	GB6SNS	IT1000	AMF6	CT2460
6091	SNS6	GB6SNS	IT1000	AMF6	CT2460
6092	SNS6	GB6SNS	IT1000	AMF6	CT2460
6093	SNS6	GB6SNS	IT1000	AMF6	CT2460
7000	SNS7AS		L3011B		
7001	SNS7AS		L3011B		
7002	SNS7AS		L3011B		
7003	SNS7AS		L3011B		
7006	SNS7AS		L3011B		
7007	SNS7AS		L3011B		

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				

TRILOGY • WEST PENN

CABLE NO.	ENV F	ENV GND BL	ENV TOOL	MULTI-FIT	MULTI TOOL
7008	SNS7AS		L3011B		
7009	SNS7AS		L3011B		
7040					
7041					
7042					
7043					
7050					
7051					
7052					
7053					
8060	SNS6	GB6SNS	IT1000	AMF6	CT2460
C1100	SNS11		L3011		
C1101	SNS11		L3011		
C5910	SNS59	GB59SNS	IT1000	AMF59	CT2460
C5911	SNS59	GB59SNS	IT1000	AMF59	CT2460
C6000	SNS6	GB6SNS	IT1000	AMF6	CT2460
C6001	SNS6	GB6SNS	IT1000	AMF6	CT2460
C7000	SNS7AS		L3011B		
C7001	SNS7AS		L3011B		

WEST PENN

25806					
25811					
25812					
25814					
25815					
25Q841S	SNS6QS	GB6QSNS	IT1000	AMF6	CT2460
2821	SNS11		L3011		
4811	SNS11		L3011		
806					
811	SNS11		L3011		
812					
813					
815	SNS59	GB59SNS	IT1000	AMF59	CT2460

F MALE	F FEMALE	F TOOL	PUSH-N-LOCK	BNC PLUG	BNC JACK	BNC TOOL
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F7QS		CT611QS				
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F59CH	F8159CH	CT2460	PNL59	31A001	32A001	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F56CH	F8156CH	HCT6QS	PNL6	31A004	32A004	CT2460
F7QS	CT611QS					
F7QS	CT611QS					
PL56CS	PL8156CS	CT596		31A031		CT596
PL11CS		CT611QS		PL11QSBM		CT611QS
				31B002		HCT263
PL59CH		CT596				
PL59CD	PL8159CD	CT596		31A028		CT596
F56QS	F8156QS	HCT6QS	PNL6	31A005	32A005	HCT6QS
F11QS		CT611QS		11QSBM		CT611QS
F11QS		CT611QS		11QSBM		CT611QS
F56CD	F8156CD	CT2460		31A023		CT2460
F11QS		CT611QS		11QSBM		CT611QS
				31B001		HCT263
				31B001		HCT263
F59HB	F8159HB	CT2460	PNL59	31A020		CT2460

ALUMINUM CONNECTOR NOMENCLATURE

PREFIX	SUFFIX	DEFINITION
A		ADAPTER, NON-MANDREL
AI		ADAPTER, INTEGRAL MANDREL
BAI		BULKHEAD ADAPTER, INTEGRAL MANDREL
	BE	AC & DC BLOCKING, PASSES RF SIGNAL
BI		BULKHEAD ADAPTER, INTEGRAL MANDREL
	BNC/F	BAYONET COUPLING, FEMALE
	BNC/M	BAYONET COUPLING, MALE
	C	NOMINAL 1/4" PIN TERMINAL LENGTH
CCT		CABLE CORING TOOL
CPT		CABLE PREP TOOL
	CX	CABLEFLEX, LRC CABLE GROUP F
ECR		ENTRY, CRIMP ON, ROTATIONAL
EFI		ENTRY FEMALE, INTEGRAL MANDREL, 3 PIECE DESIGN
EI		ENTRY FEMALE, INTEGRAL MANDREL, 2 PIECE DESIGN
EMI		ENTRY MALE, INTEGRAL MANDREL
ETE		ENTRY MALE TO ENTRY MALE
EU		ENTRY UNIVERSAL RIGHT ANGLE (90 DEGREE)
EXT		EXTENSION
	FD	FUSED DISC, LRC CABLE GROUP C (FUSED DISC 1, II)
	FDW	W SERIES, LRC CABLE GROUP C
	FF	F STYLE, FEMALE 3/8"-32 THREADS
	FM	F STYLE, MALE 3/8"-32 THREADS
	GD	GROUNDING LUG FEATURE
HSB		HOUSING SPLICE BLOCK, THRU, 90, OR 180 DEGREE
	K	K SERIES CONNECTOR, LRC CABLE GROUP A
KS		ENTRY ADAPTER
	K3	K SERIES CONNECTOR, LRC CABLE GROUP E
	LB	NOMINAL 3" EXTENSION
	LR	LOCKING ROTATIONAL COUPLER
	MC2	GENERAL CABLE MC2, LRC CABLE GROUP I
MF	MF	MODIFIED UHF FEMALE 75 OHM ONLY
MHz		MEGAHERTZ
MM	MM	MODIFIED UHF MALE, 75 OHM ONLY

ALUMINUM CONNECTOR NOMENCLATURE

PREFIX	SUFFIX	DEFINITION
	MIII	FUSED DISC METRIC III, LRC CABLE GROUP C
NF	NF	NOSE FEMALE, STANDARD AS 75 OHM, AVAILABLE IN 50 OHM
NM	NM	NOSE MALE. STANDARD AS 75 OHM, AVAILABLE IN 50 OHM
	OHM	CHARACTERISTIC IMPEDANCE OF A CONNECTOR
	P1	LRC CABLE GROUP A (PARAMETER 1)
	P2	LRC CABLE GROUP D (PARAMETER 2)
	P3	LRC CABLE GROUP E (PARAMETER 3)
	PD	PHELPS DODGE
	PE	POLYETHYLENE, LRC CABLE GROUP A
	PS	POLYSTYRENE, LRC CABLE GROUPS B, D, & E
	QR	QUANTUM REACH, LRC CABLE GROUP H
	R	ROTATIONAL COUPLER
RF		RADIO FREQUENCY
	S	LRC CABLE GROUP B (STYRENE)
SCT		STRIP AND CORING TOOL
SFI		SPLICE FEMALE, INTEGRAL MANDREL, 3 PIECE DESIGN
SI		SPLICE FEMALE, INTEGRAL MANDREL, 2 PIECE DESIGN
	SLM	SEALMETIC
ST		SIZING TOOL
	SW	W SERIES, LRC CABLE GROUP B
T		CORING TOOL
	TC	NOMINAL 2" PIN TERMINAL LENGTH (SUFFIX ONLY)
TC		TEST CONNECTOR (PREFIX ONLY)
TP		TEST POINT ADAPTOR
	TRB	TERMINATION, AC BLOCKING
TSB		THROUGH SPLICE BLOCK (180 DEGREE)
	TX	LRC CABLE GROUP G
UHFF	UHFF	UHF FEMALE, STANDARD AS 50 OHM (FOR 750 OHM, USE MF)
UHFM	UHFM	UHF MALE, STANDARD AS 50 OHM (FOR 75 OHM, USE MM)
	W	W SERIES, LRC CABLE GROUP A
	W2	W SERIES, LRC CABLE GROUP D
	W3	W SERIES, LRC CABLE GROUP E
X		SUB-ASSEMBLY

CENTER CONDUCTOR PREPARATION HARDLINE CABLES

It has come to our attention that a problem has been encountered with auto seize connector terminals being bent inward upon insertion of the cable center conductor. This causes either a short to the shell of the connector or does not allow the terminal to grip the cable center conductor.

This condition seems to be caused by a method of center conductor preparation that is fairly common in the field, that is; cutting the center conductor at an angle with a point at the side. (see fig. 1)

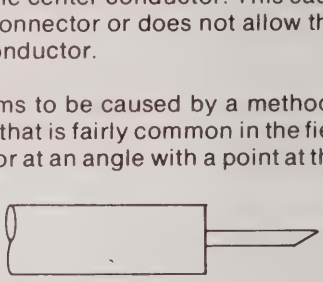


Fig. 1

Cutting the center conductor in this way leaves a point that is sharp enough to catch the edge of the terminal or on the plastic surrounding the terminal. A much more acceptable method is to cut part way through the center conductor with a cutting plier (see fig. 2), then loosen the cutting plier rotating it 90° in either direction and finish cutting the center conductor giving it a triangular shaped point. (see fig. 3)

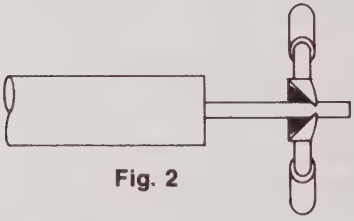


Fig. 2

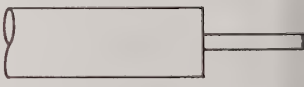
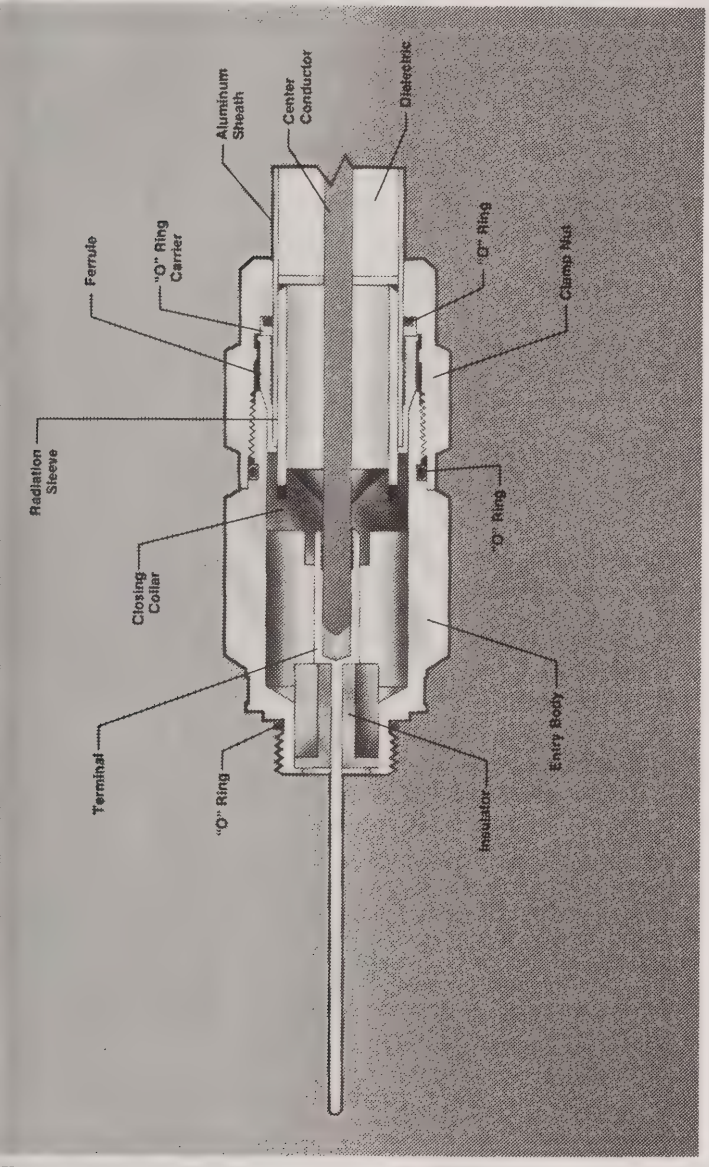


Fig. 3

This type of point will lead the center conductor into the terminal but is not sharp enough to "hang up" on the edge of the terminal.

Again it must be noted to follow manufacturers instructions as to the length of the center conductor preparation.

"K" SERIES
SECTIONAL VIEW
Pat. No.4,346,958



EMI "K" SERIES FEED THRU CONNECTORS
EMI412K, K3, EMI500K, K3, EMI625K3

1. Install the entry connector into the housing using 15 ft. lbs. torque

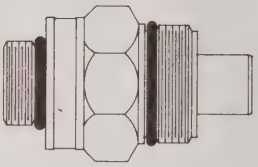
Trim and prepare the cable as follows:

2. Measure the distance the center conductor must extend from th connector end into the housing being used.

Allow an additional:

1-1/16" for .412 Cable
1-1/32" for .500 Cable
1-1/8" for .625 Cable

(For conductor inside connector body)



3. Remove cable shield and dielectric with a cable prep tool to expos the proper lead length (see 2 above) for center conductor insid connector body. **Alternate:** Score cable shield with sharp tubin cutters at the proper lead length (see 2 above). Break shield b flexing at score mark and remove shield and dielectric to expose th center conductor.
4. Core the cable using the appropriate coring tool. Clean contact are of shield approximately 1" back from score mark. Remove any burr or residue from center conductor and shield. Ensure that the cente conductor is both straight and smooth.
5. Remove the clamp nut from the connector and slide it over the cabl until it bottoms inside the ferrule. Insert the cable over the mandre until it bottoms. Using a back-up wrench, tighten nut firmly to the sto on the connector. Ensure that the cable does not pull back during thi operation.
6. Tighten seizing device inside housing for the center conductor.
7. Install heat shrink if applicable.

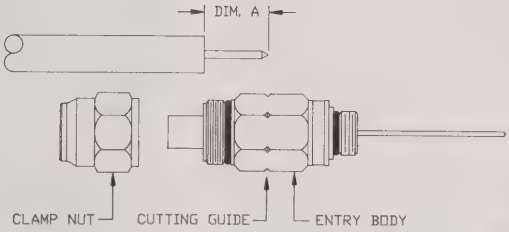
"K" SERIES 2-PIECE ENTRY
EI412K, K3, EI500K, K3, EI625K3, EI750K, K3, EI875K3, EI1000K3

OTE: Also applies to all cable adapter connectors having prefix "AI" or "BI"

1. Install the entry connector into the housing using 15 ft. lbs. torque. If using cable adapter connectors, proceed to step 2.

2. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM. "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown:

ize	Dim. "A"
412	3/4"
500	7/8"
625	3/4"
750	1"
875	1"
000	1-1/4"



)o not score the center conductor. Remove any burrs or residue from ne center conductor. Ensure that center conductor is straight and mooth. End of center conductor should have a triangular shaped point s shown. **Alternate:** Score cable shield with sharp tubing cutters at the roper center conductor length (DIM "A"). Break shield by flexing at the core mark and remove shield and dielectric to expose the center onductor.

. Core the cable using the appropriate coring tool. Remove any burrs or residue from outer surface of cable shield, approximately 1" back from end.

. If using heat shrink tubing, place over cable at this time.

. Remove the clamp nut from the connector and slide it over the prepared cable end until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Using back-up wrenches, tighten the nut assembly to the positive stop on the connector body.

Tighten seizing device inside the housing for the entry connector terminal.

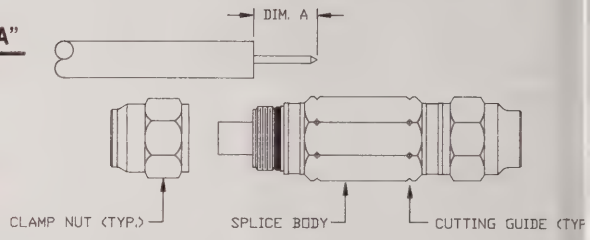
ote: If using cable adapter connectors, connect in a normal manner.

Install heat shrink if applicable.

"K" SERIES 2-PIECE SPLICE
SI412K, K3, SI500K, K3, SI625K3, SI750K, K3
SI875K3, SI1000K3

1. Remove cable shield and dielectric with a cable prep tool to expos the proper center conductor length (DIM."A") as determined in th chart below, or use the built-in center conductor cutting guide a shown:

Size	Dim. "A"
.412	7/8"
.500	1"
.625	3/4"
.750	7/8"
.875	1-1/8"
1.000	1-1/4"



Do not score the center conductor. Remove any burrs or residue fron the center conductor. Ensure that center conductor is straight an smooth. End of center conductor should have a triangular shaped poir as shown. **Alternate:** Score cable shield with sharp tubing cutters at th proper center conductor length (DIM. "A"). Break shield by flexing at th score mark and remove shield and dielectric to expose the cente conductor.

2. Core the cable using the appropriate coring tool. Remove any burr or residue from outer surface of cable shield, approximately 1" bac from end.

3. If using heat shrink tubing, place over cable at this time.

4. Remove the clamp nut from the connector and slide it over the prepared cable end until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Hand tighten the nut assembly t the body.

5. Repeat steps 1 thru 4 for the opposite end of the connector.

6. Using back-up wrenches, tighten one nut assembly to the positive stop on the connector body. Repeat for the opposite end of the connector.

7. Install heat shrink if applicable.

"W" SERIES
SECTIONAL VIEW

EMI "W" SERIES FEED THRU CONNECTORS
EMI412P1, S, FD, P2, P3,
EMI500P1, S, FD, P2, P3, EMI625P3

1. Install the entry connector into the housing using 15 ft. lbs. torque

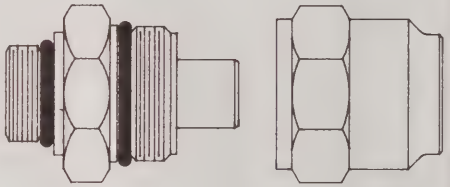
Trim and prepare the cable as follows:

2. Measure the distance the center conductor must extend from th connector end into the housing being used.

Allow an additional:

5/8" for .412 Cable
5/8" for .500 Cable
7/8" for .625 Cable

(For conductor inside connector body)



3. Remove cable shield and dielectric with a cable prep tool to expos the proper lead length (see 2 above) for center conductor insid connector body. **Alternate:** Score cable shield with sharp tubin cutters to expose the proper lead length (see 2 above). Break shiel by flexing at score mark and remove shield and dielectric to expos the center conductor.

4. Core the cable using the appropriate coring too. Clean contact are of shield approximately 1" back from score mark. Remove any burr or residue from center conductor and shield. Ensure that the cente conductor is both straight and smooth.

5. Remove the clamp nut from the connector and slide it over the cable Insert the cable over the mandrel until it bottoms. Using a back-u wrench, tighten nut firmly to the stop on the connector. Ensure tha the cable does not pull back during this operation.

6. Tighten seizing device inside housing for the center conductor.

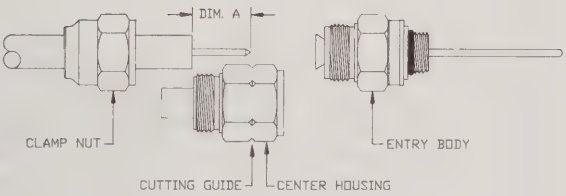
7. Install heat shrink if applicable.

"W" SERIES ENTRY CONNECTOR 3-PIECE DESIGN, EFI412, EFI500, EFI625, EFI750, EFI875, EFI1000

OTE: Also applies to all cable adapter connectors having prefix "AI" or "BI"

1. Install the entry body into the housing using 15 ft. lbs. torque. If using cable adapter connectors, proceed to step 2.
2. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown:

Size	Dim."A"
412	7/8"
500	7/8"
625	1"
750	1"
875	1 -1/16"
000	1 -1/4"



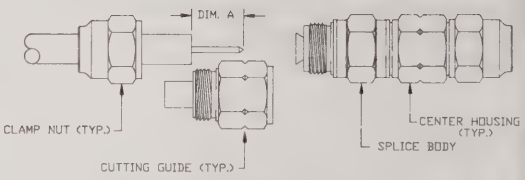
Do not score the center conductor. Remove any burrs or residue from center conductor. Ensure that center conductor is straight and smooth. End of center conductor should have a triangular shaped point as shown. **Alternate:** Score cable shield with sharp tubing cutters at the proper center conductor length (DIM "A"). Break shield by flexing at the score mark and remove shield and dielectric to expose the center conductor.

. Core the cable to a depth of 7/8" (1-1/4" for 1.000 size) using the appropriate coring tool. Remove any burrs or residue from outer surface of cable shield, approximately 1" back from end.
. If using heat shrink tubing, place back over cable at this time.
. Remove the clamp nut from the center housing and slide it over the prepared cable end. Remove the center housing and insert it into the prepared cable end until bottomed. Insert the cable center conductor into the entry body until it bottoms while tightening the center housing firmly against the positive stop on the entry body. Use a back-up wrench.
. Slide the clamp nut up to the center housing and tighten firmly against the positive stop. Use a back-up wrench.
. Tighten seizing device inside the housing for the entry connector terminal. If using cable adapter connectors, connect in a normal manner.
. Install heat shrink if applicable.

"W" SERIES SPLICE CONNECTOR 3-PIECE DESIGN, SFI412, SFI500, SFI625, SFI750, SFI875, SFI1000

1. Prepare both cable ends. Remove cable shield and dielectric with cable prep tool to expose the proper center conductor length (D "A") as determined in the chart below, or use the built-in cent conductor cutting guide as shown:

Size	Dim."A"
.412	7/8"
.500	7/8"
.625	1"
.750	1"
.875	1 -1/16"
1.000	1 -1/4"



Do not score the center conductor. Remove any burrs or residue fro center conductor. Ensure that center conductor is straight and smoot End of center conductor should have a triangular shaped point as show **Alternate:** Score cable shield with sharp tubing cutters at the prop center conductor length (DIM "A"). Break shield by flexing at the sco mark and remove shield and dielectric to expose the center conducto

2. Core the cable to a depth of 7/8" (1-1/4" for 1.000 size) using th appropriate coring tool. Remove any burrs or residue from out surface of cable shield, approximately 1" back from end.

3. If using heat shrink tubing, place back over cable at this time.

4. Remove one clamp nut from the center housing and slide it over th prepared cable end. Remove the center housing and insert it into th prepared cable end until bottomed. Insert the cable center conducto into the splice body until it bottoms while tightening the center housin hand tight.

5. Slide the clamp nut up to the center housing and tighten hand tigh

6. Repeat steps 4 and 5 for the opposite end of the splice connector.

7. Using back-up wrenches, tighten one center housing to the positiv stop on the splice body, then tighten clamp nut (same end) to th positive stop on the center housing. Repeat step 7 for the opposit end of the splice.

8. Install heat shrink if applicable.

"MC2" SERIES FEED THRU CONNECTORS
EMI440MC2, EMI500MC2

. Install the entry connector into the housing using 15 ft. lbs. torque.

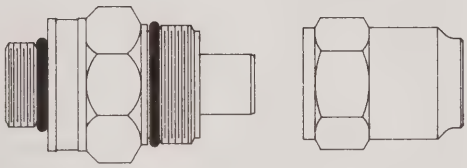
rim and prepare the cable as follows:

. Measure the distance the center conductor must extend from the connector end into the housing being used.

llow an additional:

-1/32" for .440 Cable
-1/32" for .500 Cable

For conductor inside
onnector body)



Remove cable shield and dielectric with a cable prep tool to expose the proper lead length (see 2 above), for center conductor inside connector body. **Alternate:** Score cable shield with sharp tubing cutters to expose the proper lead length (see 2 above). Break shield by flexing at score mark and remove shield and dielectric to expose the center conductor.

Core the cable using the appropriate coring tool. Clean contact area of shield approximately 1" back from score mark. Remove any burrs or residue from center conductor and shield. Ensure that the center conductor is both straight and smooth.

Remove the clamp nut and slide it over the cable until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Using a back-up wrench, tighten nut firmly to the connector body. Ensure that the cable does not pull back during this operation.

Tighten seizing device inside housing for the center conductor.

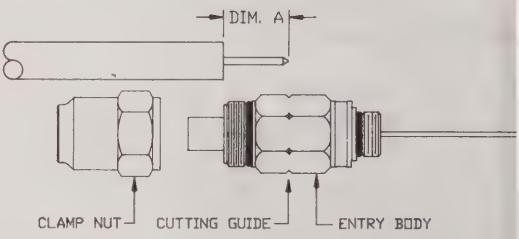
Install heat shrink if applicable.

"MC2" SERIES 2-PIECE ENTRY
EI440MC2, EI500MC2, EI650MC2, EI750MC2
EI1000MC2

NOTE: Also applies to all cable adapter connectors having prefix "AI" or

1. Install the entry body into the housing using 15 ft. lbs. torque. If usi cable adapter connectors, proceed to step 2.
2. Remove cable shield and dielectric with a cable prep tool to expo the proper center conductor length (DIM. "A") as determined in t chart below, or use the built-in center conductor cutting guide shown:

Size	Dim. "A"
.440	3/4"
.500	7/8"
.650	7/8"
.750	1"
1.000	1-5/16"



Do not score the center conductor. Remove any burrs or residue frc the center conductor. Ensure that center conductor is straight a smooth. End of center conductor should have a triangular shaped poi as shown. **Alternate:** Score cable shield with sharp tubing cutters at tl proper center conductor length (DIM. "A"). Break shield by flexing at th score mark and remove shield and dielectric to expose the cent conductor.

3. Core the end of the cable using the appropriate coring tool. Remo any burrs or residue from the outer surface of the cable shie approximately 1" back from score mark.
4. If using heat shrink tubing, place over cable at this time.
5. Remove the clamp nut from the connector and slide it over th prepared cable end until it bottoms inside the ferrule. Insert the cab over the mandrel until it bottoms. Hand tighten the nut assembly the body. Using back-up wrenches, tighten nut assembly to th positive stop on the body.
6. Tighten seizing device inside housing for the entry connector term nal.

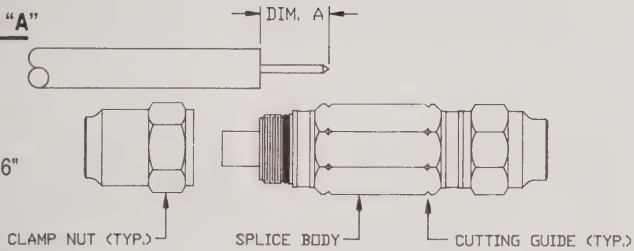
Note: If using cable adapter connectors, connect in a normal manne

7. Install heat shrink if applicable.

"MC2" SERIES 2-PIECE SPLICE
SI440MC2, SI500MC2, SI650MC2, SI750MC2, SI1000MC2

. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM. "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown:

ize	Dim. "A"
140	3/4"
500	7/8"
650	7/8"
750	1"
000	1-5/16"



o not score the center conductor. Remove any burrs or residue from e center conductor. Ensure that center conductor is straight and nooth. End of center conductor should have a triangular shaped point s shown. **Alternate:** Score cable shield with sharp tubing cutters at the oper center conductor length (DIM. "A"). Break shield by flexing at the core mark and remove shield and dielectric to expose the center nductor.

Core the cable using the appropriate coring tool. Remove any burrs or residue from the outer surface of the cable shield, approximately 1" back from end.

If using heat shrink tubing, place over cable at this time.

Remove the clamp nut from the connector and slide it over the prepared cable end until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Hand tighten the nut assembly to the body.

Repeat steps 1 thru 4 for the opposite end of the connector.

Using back-up wrenches, tighten one nut assembly to the positive stop on the connector body. Repeat for the opposite end of connector.

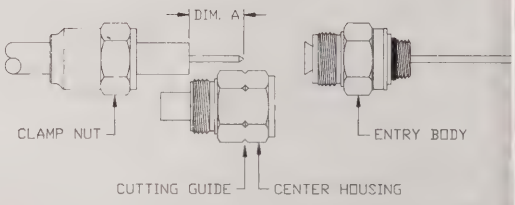
Install heat shrink if applicable.

"MC2" SERIES 3-PIECE ENTRY
EFI440MC2, EFI500MC2, EFI650MC2, EFI750MC2, EFI1000MC2

NOTE: Also applies to all cable adapter connectors having prefix "AI" or

1. Install the entry body into the housing using 15 ft. lbs. torque. If us
 cable adapter connectors, proceed to step 2.
2. Remove cable shield and dielectric with a cable prep tool to exp
 the proper center conductor length (DIM "A") as determined in
 chart below, or use the built-in center conductor cutting guide
 shown:

Size	Dim. "A"
.440	7/8"
.500	7/8"
.650	1"
.750	1"
1.000	1-1/4"



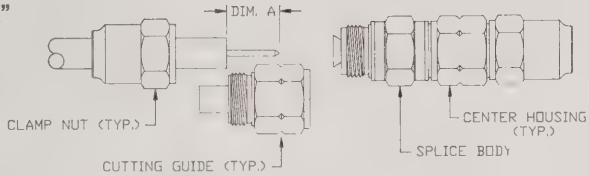
Do not score the center conductor. Remove any burrs or residue fr
center conductor. Ensure that center conductor is straight and smoo
End of center conductor should have a triangular shaped point as sho
Alternate: Score cable shield with sharp tubing cutters at the pro
center conductor length (DIM "A"). Break shield by flexing at the sc
mark and remove shield and dielectric to expose the center conduct

3. Core the cable to a depth of 7/8" (1-1/4" for 1.000 size) using t
 appropriate coring tool. Remove any burrs or residue from ou
 surface of cable shield, approximately 1" back from end.
4. If using heat shrink tubing, place over cable at this time.
5. Remove the clamp nut from the center housing and slide it over t
 prepared cable end. Remove the center housing and insert it into t
 prepared cable end until bottomed. Insert the cable center conduct
 into the entry body until it bottoms while tightening the center housi
 firmly against the positive stop on the entry body. Use a back-
 wrench on the entry body.
6. Slide the clamp nut up to the center housing and tighten firmly agai
 the positive stop. Use a back-up wrench on the center housing.
7. Tighten seizing device inside the housing for the entry connect
 terminal. If using cable adapter connectors, connect in a norm
 manner.
8. Install heat shrink if applicable.

"MC2" SERIES 3-PIECE SPLICE
SFI440MC2, SFI500MC2, SFI650MC2, SFI750MC2, SFI1000MC2

. Prepare both cable ends. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown:

Size	Dim. "A"
440	7/8"
500	7/8"
650	1"
750	1"
000	1-1/4



o not score the center conductor. Remove any burrs or residue from enter conductor. Ensure that center conductor is straight and smooth. nd of center conductor should have a triangular shaped point as shown. **lternate:** Score cable shield with sharp tubing cutters at the proper enter conductor length (DIM "A"). Break shield by flexing at the score ark and remove shield and dielectric to expose the center conductor.

Core the cable to a depth of 7/8" (1-1/4" for 1.000 size) using the appropriate coring tool. Remove any burrs or residue from outer surface of cable shield, approximately 1" back from end.

If using heat shrink tubing, place over cable at this time.

Remove one clamp nut from the center housing and slide it over the prepared cable end. Remove the center housing and insert it into the prepared cable end until bottomed. Insert the cable center conductor into the splice body until it bottoms while tightening the center housing hand tight.

Slide the clamp nut up to the center housing and tighten hand tight.

Repeat steps 4 and 5 for the opposite end of the splice connector.

Using back-up wrenches, tighten on center housing to the positive stop on the splice body, then tighten clamp nut (same end) to the positive stop on the center housing. Repeat step 7 for the opposite end of the splice.

Install heat shrink if applicable.

"QR" SERIES FEED THRU CONNECTORS
EMI500QR, EMI540QR

1. Install the entry connector into the housing using 15 ft. lbs. torqu

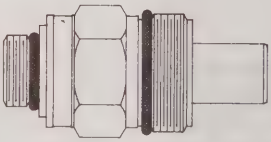
Trim and prepare the cable as follows:

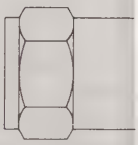
2. Measure the distance the center conductor must extend from t connector end into the housing being used.

Allow an additional:

1-1/8" for .500 Cable
1-1/8" for .540 Cable

(For conductor inside connector body)





3. Remove cable shield and dielectric with a cable prep tool to expo the proper lead length (see 2 above) for center conductor insi connector body. **Alternate:** Score cable shield with sharp tubi cutters at the proper lead length (see 2 above). Break shield flexing at score mark and remove shield and dielectric to expose t center conductor.

4. Core the cable using the appropriate coring tool. Clean contact ar of shield approximately 1" back from score mark. Remove any bur or residue from center conductor and shield. Ensure that the cent conductor is both straight and smooth.

5. Remove the clamp nut from the connector and slide it over the cab until it bottoms inside the ferrule. Insert the cable over the mandr until it bottoms. Using a back-up wrench, tighten nut firmly to the st on the connector. Ensure that the cable does not pull back during th operation.

6. Tighten seizing device inside housing for the center conductor.

7. Install heat shrink if applicable.

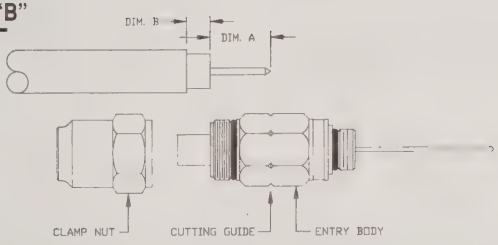
"QR" SERIES 2-PIECE ENTRY
EI500QR, EI540QR, EI715QR, EI860QR, EI1125QR

OTE: Also applies to all cable adapter connectors having prefix "AI" or "BI"

1. Install the entry connector into the housing using 15 ft. lbs. torque. If using cable adapter connectors, proceed to step 2.

2. Using the appropriate cable prep tool, remove cable jacket, aluminum outer conductor and dielectric to expose the proper center conductor length (DIM. "A") and expose the proper length of aluminum outer conductor (DIM. "B") as shown in the chart below, or use the built-in center conductor guide as shown.

Size	Dim. "A"	Dim. "B"
.500	1-3/16"	1/2"
.540	1"	1/2"
.715	1"	1/2"
.860	1-1/16"	5/8"
1.125	1-1/4"	5/8"



3. Remove any burrs or residue from the center conductor and shield. Ensure that the center conductor is straight and smooth, and has a triangular shaped point as shown.

4. Core the cable to a depth of 1-1/4" using the appropriate coring tool.

5. If using heat shrink tubing, place over cable at this time.

6. Remove the clamp nut from the connector and slide it over the cable until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Using a back-up wrench, tighten nut firmly to the positive stop connector.

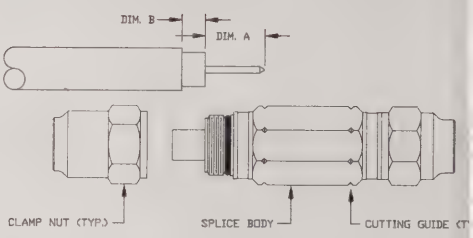
7. Tighten seizing device inside housing for the entry connector terminal.

8. **Note:** If using cable adapter connectors, connect in a normal manner. Install heat shrink if applicable.

"QR" SERIES 2-PIECE SPLICE
SI500QR, SI540QR, SI715QR, SI860QR, SI1125QR

1. Remove cable jacket aluminum outer conductor and dielectric usir the appropriate cable prep tool. Expose the proper center conduct length (DIM. "A") and expose the proper length of aluminum out conductor (DIM. "B") as shown in the chart below or use the built- center conductor cutting guide as shown.

Size	Dim. "A"	Dim. "B"
.500	1-3/16"	1/2"
.540	1"	1/2"
.715	1"	1/2"
.860	1-1/16"	5/8"
1.125	1-1/4"	5/8"



2. Remove any burrs or residue from the center conductor and shield Ensure that the center conductor is straight and smooth, and has triangular shaped point as shown.

3. Core the cable to a depth of 1-1/4" using the appropriate coring too

4. If using heat shrink tubing, place over cable at this time.

5. Remove the clamp nut from the connector and slide it over th prepared cable end until it bottoms on the ferrule. Insert the cabl over the mandrel until it bottoms. Hand tighten the nut assembly t the body.

6. Repeat steps 1 thru 5 for the opposite end of the connector.

7. Using back-up wrenches, tighten one nut assembly to the positive stop on the connector body. Repeat for the opposite end of the connector.

8. Install heat shrink if applicable.

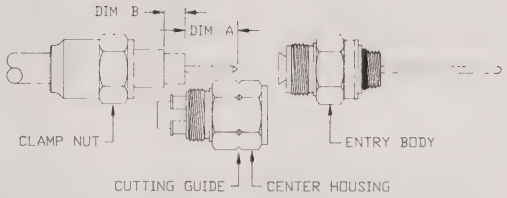
"QR" SERIES 3-PIECE ENTRY
EFI500QR, EFI540QR, EFI715QR, EFI860QR, EFI1125QR

TE: Also applies to all cable adapter connectors having prefix "AI" or "BAI"

1. Install the entry connector into the housing using 15 ft. lbs. torque. If using cable adapter connectors, proceed to step 2.

2. Remove cable aluminum outer conductor and plastic jacket using the appropriate cable prep tool. Expose the proper center conductor length (DIM. "A") as shown in the chart below, or use the built-in center conductor cutting guide as shown. Core depth should be 1-1/4" for all QR cable. Expose the proper length of aluminum sheath (outer conductor) as shown in DIM. "B".

ize	Dim. "A"	Dim. "B"
500	1"	1/2"
540	1"	1/2"
715	1"	1/2"
360	1-1/16"	5/8"
125	1-1/4"	5/8"



. Remove any burrs or residue from the center conductor and shield. Ensure that the center conductor is straight and smooth, and has a triangular shaped point as shown.

. If using heat shrink tubing, place over cable at this time.

Remove the clamp nut from the center housing and slide it over the prepared cable end. Remove the center housing and insert it into the prepared cable end until bottomed. Insert the cable center conductor into the entry body until it bottoms while tightening the center housing firmly against the positive stop on the entry body. Use a back-up wrench on the entry body.

Slide the clamp nut up to the center housing and tighten firmly against the positive stop. Use a back-up wrench on the center housing.

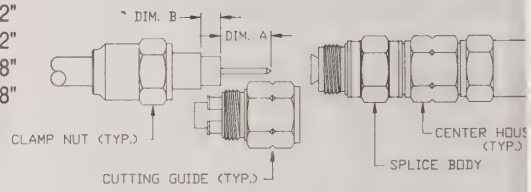
Tighten seizing device inside the housing for the entry connector terminal. If using cable adapter connectors, connect in a normal manner.

Install heat shrink if applicable.

"QR" SERIES 3-PIECE SPLICE
SFI500QR, SFI540QR, SFI715QR, SFI860QR, SFI1125QR

1. Remove cable aluminum outer conductor and plastic jacket using t appropriate cable prep tool. Expose the proper center conduc length (DIM. "A") as shown in the chart below or use the built-in cen conductor cutting guide as shown. Core depth should be 1-1/4" all QR cable. Expose the proper length of aluminum sheath (ou conductor) as shown in DIM. "B".

Size	Dim. "A"	Dim. "B"
.500	1"	1/2"
.540	1"	1/2"
.715	1"	1/2"
.860	1-1/16"	5/8"
1.125	1-1/4"	5/8"



2. Remove any burrs or residue from the center conductor and shiel Ensure that the center conductor is straight and smooth, and has triangular shaped point as shown.

3. If using heat shrink tubing, place over cable at this time.

4. Remove one clamp nut from the center housing and slide it over th prepared cable end. Remove the center housing and insert it into th prepared cable end until bottomed. Insert the cable center conduct into the splice body until it bottoms while tightening the center housi hand tight.

5. Slide the clamp nut up to the center housing and tighten hand tigh

6. Repeat steps 1, 2, 4 and 5 for the opposite end of the splic connector.

7. Using back-up wrenches, tighten one center housing to the positiv stop on the splice body, then tighten clamp nut (same end) to th positive stop on the center housing. Repeat step 7 for the opposi end of the splice.

8. Install heat shrink if applicable.

"CX" SERIES FEED THRU CONNECTORS
EMI412CX, EMI500CX, EMI625CX

. Install the entry connector into the housing using 15 ft. lbs. torque.

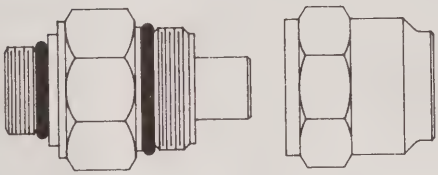
rim and prepare the cable as follows:

. Measure the distance the center conductor must extend from the connector end into the housing being used.

llow an additional:

" for .412 Cable
" for .500 Cable
-1/4" for .625 Cable

For conductor inside
onnector body)



. Remove cable shield and dielectric with a cable prep tool to expose the proper lead length (see 2 above) for center conductor inside connector body. **Alternate:** Score cable shield with sharp tubing cutters at the proper lead length (see 2 above). Break shield by flexing at score mark and remove shield and dielectric to expose the center conductor.

. Core the cable using the appropriate coring tool. Clean contact area of shield approximately 1" back from score mark. Remove any burrs or residue from center conductor and shield. Ensure that the center conductor is both straight and smooth.

. Remove the clamp nut from the connector and slide it over the cable until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Using a back-up wrench tighten nut firmly to the stop on the connector. Ensure that the cable does not pull back during this operation.

. Tighten seizing device inside housing for the center conductor.

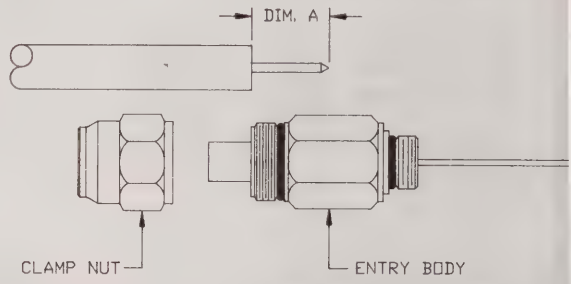
. Install heat shrink if applicable.

"CX" SERIES 2-PIECE ENTRY
EI412CX, EI500CX, EI625CX, EI750CX

NOTE: Also applies to all cable adapter connectors having prefix "AI" or

1. Install the entry connector into the housing using 15 ft. lbs. torque using cable adapter connectors, proceed to step 2.
2. Remove cable shield and dielectric with a cable prep tool to expo the proper center conductor length (DIM. "A") as determined in t chart below, or use the built-in center conductor cutting guide shown.

Size	Dim. "A"
.412	3/4"
.500	3/4"
.625	7/8"
.750	1"



Do not score the center conductor. Remove any burrs or residue fro the center conductor. Ensure that center conductor is straight ar smooth. End of center conductor should have a triangular shaped poi as shown. **Alternate:** Score cable shield with sharp tubing cutters at th proper center conductor length (DIM. "A"). Break shield by flexing at th score mark and remove shield and dielectric to expose the cent conductor.

3. Core the cable using the appropriate coring tool. Remove any bur or residue from outer surface of cable shield, approximately 1" bac from end.
4. If using heat shrink tubing, place over cable at this time.
5. Remove the clamp nut from the connector and slide it over th prepared cable end until it bottoms inside the ferrule. Insert the cab over the mandrel until it bottoms. Using back-up wrenches, tighte the nut assembly to the positive stop on the connector body.
6. Tighten seizing device inside the housing for the entry connecto terminal.

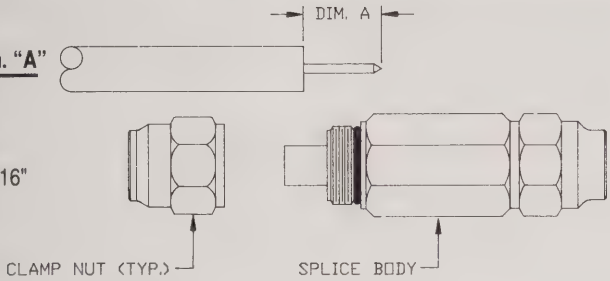
Note: If using cable adapter connectors, connect in a normal manne

7. Install heat shrink if applicable.

"CX" SERIES 2-PIECE SPLICE
SI412CX, SI500CX, SI625CX, SI750CX

. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM. "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown.

ize	Dim. "A"
412	3/4"
500	3/4"
625	7/8"
750	1-3/16"



o not score the center conductor. Remove any burrs or residue from ne center conductor. Ensure that center conductor is straight and mooth. End of center conductor should have a triangular shaped point s shown. **Alternate:** Score cable shield with sharp tubing cutters at the roper center conductor length (DIM. "A"). Break shield by flexing at the core mark and remove shield and dielectric to expose the center onductor.

. Core the cable using the appropriate coring tool. Remove any burrs or residue from outer surface of cable shield, approximately 1" back from end.

If using heat shrink tubing, place over cable at this time.

Remove the clamp nut from the connector and slide it over the prepared cable end until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Hand tighten the nut assembly to the body.

Repeat steps 1 thru 4 for the opposite end of the connector.

Using back-up wrenches, tighten one nut assembly to the positive stop on the connector body. Repeat for the opposite end of the connector.

Install heat shrink if applicable.

"TX" SERIES FEED THRU CONNECTOR
EMI565TX

1. Install the entry connector into the housing using 15 ft. lbs. torqu

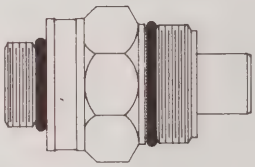
Trim and prepare the cable as follows:

2. Measure the distance the center conductor must extend from t connector end into the housing being used.

Allow an additional:

1-1/8" for .565 Cable

(For conductor inside connector body)



3. Remove cable shield and dielectric with a cable prep tool to expos the proper lead length (see 2 above) for center conductor insi connector body. **Alternate:** Score cable shield with sharp tubi cutters at the proper lead length (see 2 above). Break shield b flexing at score mark and remove shield and dielectric to expose th center conductor.

4. Core the cable end using the appropriate coring tool. Clean conta area of shield approximately 1" back from score mark. Remove ar burrs or residue from center conductor and shield. Ensure that th center conductor is both straight and smooth.

5. Remove the clamp nut from the connector and slide it over the cab until it bottoms inside the ferrule. Insert the cable over the mandr until it bottoms. Using a back-up wrench, tighten nut firmly to the sto on the connector. Ensure that the cable does not pull back during th operation.

6. Tighten seizing device inside housing for the center conductor.

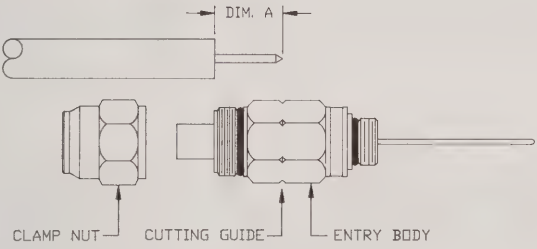
7. Install heat shrink if applicable.

OTE: Also applies to all cable adapter connectors having prefix "AI" or "BI"

1. Install the entry connector into the housing using 15 ft. lbs. torque. If using cable adapter connectors, proceed to step 2.

2. Remove cable shield and dielectric with a cable prep tool to expose the proper center conductor length (DIM. "A") as determined in the chart below, or use the built-in center conductor cutting guide as shown.

Size	Dim. "A"
.565	3/4"
.840	1"
.160	1-1/4"



Do not score the center conductor. Remove any burrs or residue from he center conductor. Ensure that center conductor is straight and smooth. End of center conductor should have a triangular shaped point as shown. **Alternate:** Score cable shield with sharp tubing cutters at the proper center conductor length (DIM. "A"). Break shield by flexing at the score mark and remove shield and dielectric to expose the center conductor.

3. Core the cable using the appropriate coring tool. Remove any burrs or residue from outer surface of cable shield, approximately 1" back from end.

4. If using heat shrink tubing, place over cable at this time.

5. Remove the clamp nut from the connector and slide it over the prepared cable end until it bottoms inside the ferrule. Insert the cable over the mandrel until it bottoms. Using back-up wrenches, tighten the nut assembly to the positive stop on the connector body.

6. Tighten seizing device inside the housing for the entry connector terminal.

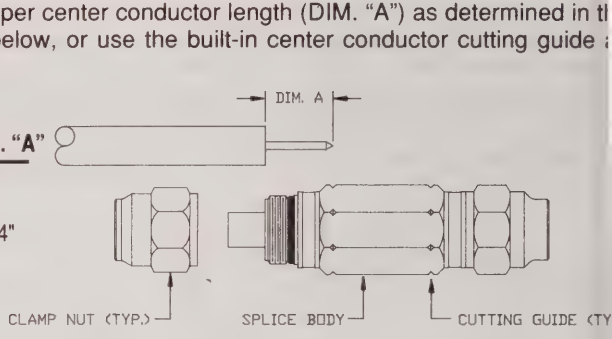
ote: If using cable adapter connectors, connect in a normal manner.

7. Install heat shrink if applicable.

"TX" SERIES 2-PIECE SPLICE
SI565TX, SI840TX, SI1160TX

1. Remove cable shield and dielectric with a cable prep tool to expo the proper center conductor length (DIM. "A") as determined in t chart below, or use the built-in center conductor cutting guide shown.

Size	Dim. "A"
.565	3/4"
.840	1"
1.160	1-1/4"



Do not score the center conductor. Remove any burrs or residue fro the center conductor. Ensure that center conductor is straight a smooth. End of center conductor should have a triangular shaped poi as shown. **Alternate:** Score cable shield with sharp tubing cutters at t proper center conductor length (DIM. "A"). Break shield by flexing at t score mark and remove shield and dielectric to expose the cent conductor.

2. Core the cable using the appropriate coring tool. Remove any bur or residue from outer surface of cable shield, approximately 1" ba from end.

3. If using heat shrink tubing, place over cable at this time.

4. Remove the clamp nut from the connector and slide it over t prepared cable end until it bottoms inside the ferrule. Insert the cab over the mandrel until it bottoms. Hand tighten the nut assembly the body.

5. Repeat steps 1 thru 4 for the opposite end of the connector.

6. Using back-up wrenches, tighten one nut assembly to the positi stop on the connector body. Repeat for the opposite end of t connector.

7. Install heat shrink if applicable.

HSB & TSB
(Housing Splice Block & 180° Thru Splice Block)

he HSB and TSB splice blocks enable the joining of one size cable another size or type cable through the use of any two chassis ounting connectors having standard 5/8-24 threads. The ter- inals will accept pin type connectors and center conductors up to 85 diameter, or any combination of the two.

he HSB block can also be used as a 90° (side entry) or provide ccess for a test connector.

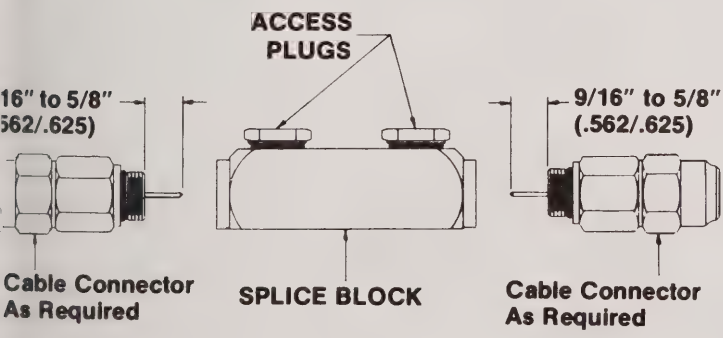
ROCEDURE:

. Referring to instruction sheet for the style connectors required, trim and prepare the cable for installation into the connector. Trim the cable to extend 9/16" to 5/8" (.562 to .625) from end of connector for feed thru type or cut pin on pin type.

. Install cable connector into splice block. Using a back-up wrench tighten to approximately 15 ft./lbs. torque.

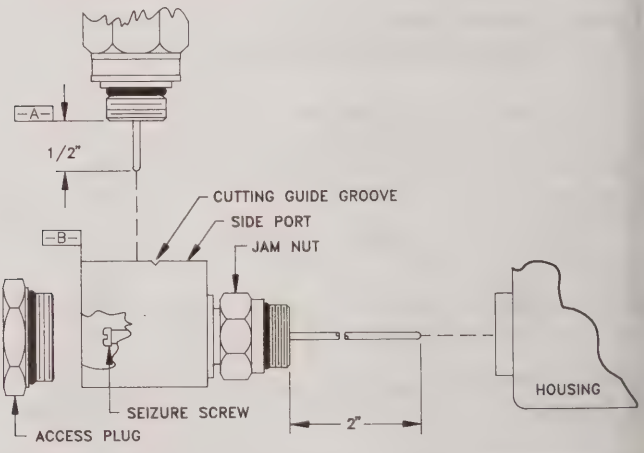
. Install cable into connector by referring to applicable instruction sheet.

. Tighten clamping screw inside splice block to a FIRM contact only. Re-install access plug into splice block.



RIGHT ANGLE ADAPTER
EU90

1. The right angle adapter has a nominal pin length of 2". Trim required.
2. Install the right angle adapter into the housing 5 turns, ± 1/2 tu Using back-up wrenches, hold the adapter at the desired angle th tighten the jam nut to 15 ft. lbs. torque.
3. Remove the access plug and loosen the seizure screw.
4. Select the entry connector (or adapter connector) for the side port the right angle adapter. Place **surface A** of the entry connec against **surface B** of the EU90 (see below). Cut the entry center p (or center conductor) at the cutting guide grooves on the EU90 or (the center pin (or center conductor) 1/2" from the face of the en connector.
5. Install the entry connector (or adapter connector) into the side port the right angle adapter. Using back-up wrenches, hold the right ang adapter while tightening the entry connector (or adapter connect to 15 ft. lbs. torque.
6. If using an entry connector, install the cable as specified in t appropriate installation instructions. Remember to use back-u wrenches for proper connector support.
7. Tighten the seizure screw inside the right angle adapter to a fi contact only. Install the access plug into the right angle adapter.
8. Tighten the seizure screw within the equipment as recommended i the appropriate manufacturer.



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ENTRY, UNIVERSAL, 180° ADAPTER EU180, EU18030, EU18045

1. The 180° Adapter is shipped from the factory assembled as sho on page 101.

 If the 180° Adapter is usable as received from the factory, start w step 3.

 If the 180° Adapter requires disassembly for installation into equipment housing, start with step 2.

2. Disassemble the 180° Adapter as follows:

 Loosen and remove Access Plug (A).
 Loosen Seizure Screw (B).
 Using a back-up wrench on Connector "1", loosen Jam Nut (C).
 Remove Connector "2" from Connector "1".
 Install Connector "1" into equipment housing, 5 turns, ± 1/2 turn.
 Using back-up wrenches, tighten Jam Nut (D) to 15 ft. lbs. torqu
 Install Connector "2" into Connector "1", 5 turns, ± 1/2 turn.
 Using back-up wrenches, tighten Jam Nut (C) to 15 ft. lbs. torqu
 Tighten Seizure Screw (B) to a firm contact only.
 Install Access Plug (A) into Connector "1".
 Proceed to step 4.

3. Install the 180° Adapter into the equipment housing 5 turns, ± turn. Using back-up wrenches on Connector "1", hold the 18 Adapter at the desired angle, then tighten Jam Nut (D) to 15 ft. lb torque. Proceed to step 4.

4. Remove Access Plug (E) then loosen Seizure Screw (F).

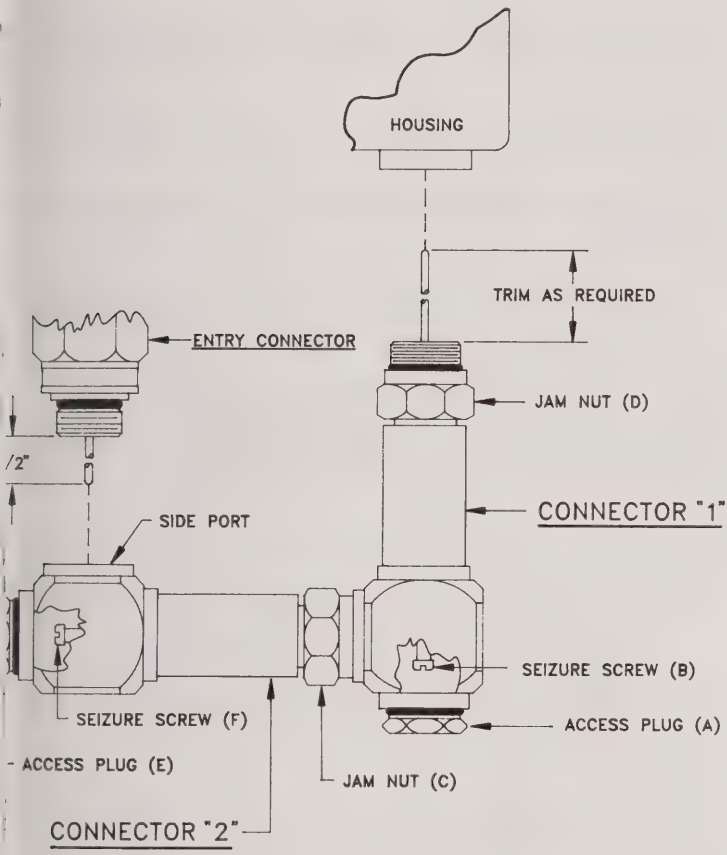
5. Select the desired Entry Connector (or Adapter Connector) for t side port of the 180° Adapter. Cut the Entry Connector center pin (center conductor) 1/2" from the face of the Entry Connector.

6. Install the Entry Connector into the side port of the 180° Adapt Using back-up wrenches, hold Connector "2" while tightening t Entry Connector to 15 ft. lbs. torque.

7. Tighten Seizure Screw (F) to a firm contact only. Install Access Pl (E) into the 180° Adapter.

8. Tighten the Seizure Screw within the equipment as recommended the appropriate manufacturer.

ENTRY, UNIVERSAL, 180° ADAPTER
EU180, EU18030, EU18045



Procedure:

1. Determine the pin length needed in the equipment and trim necessary.

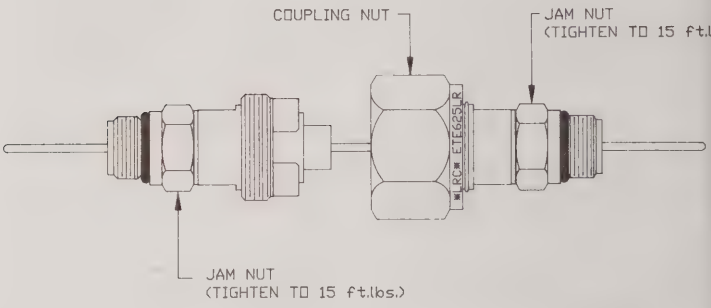
2. Loosen the coupling nut until the two bodies slide apart along th center pin.

3. Install the two ends into the equipment 7 turns ± 1/2 turn. Do not loc at this time.

4. Couple the two halves together with the coupling nut and tighten 30 ft. lbs. Note that the four lugs on each body must be aligned at 90° offset in order to get proper mating.

5. Using a back-up wrench, tighten both jam nuts to 15 ft. lbs.

6. Tighten the seizing devices in the equipment housings at this time



Procedure:

1. Determine the pin length needed in the equipment and trim if necessary.

2. Loosen the coupling nut until the two bodies slide apart along the center pin.

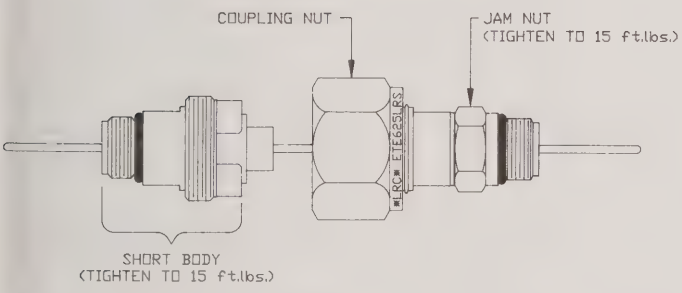
3. Install the short end, marked S, into the equipment. Using a wrench, tighten the short end to 15 ft. lbs.

4. Install the long end with jam nut into the equipment 7 turns ± 1/2 turn. Do not lock at this time.

5. Align the lugs on the long body to mate with the short body. Bring the two bodies together with the coupling nut. Using a back-up wrench on the short body, tighten the coupling nut to 30 ft. lbs. Note that the short body should not be rotated when mating the two halves because it is tightened to the recommended specification in step 3.

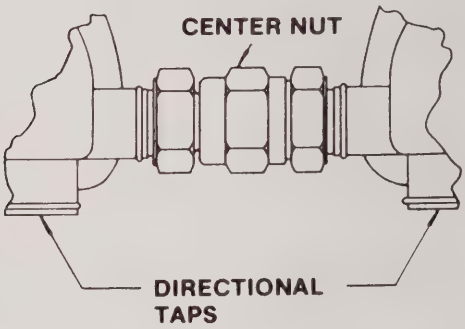
6. Using a back-up wrench, tighten the jam nut to 15 ft. lbs.

7. Tighten the seizing devices in the equipment housings at this time.



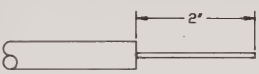
Procedure:

1. Install one end of the ETE625R into one housing unit using 15 ft. lb torque.
2. Install the other end of the ETE625R into the second housing usi 15 ft. lbs. torque.
3. Tighten the center nut of the ETE625R to approximately 30 ft. lb torque.
4. Tighten the seizing device inside housing for the center conductc

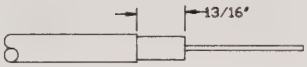


11 SERIES CABLE TO HOUSING CONNECTOR
ECR11

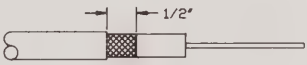
1. Using a sharp knife, cut thru the jacket, braid and dielectric to expose 2" of center conductor. Do not score center conductor.



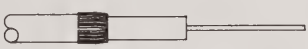
2. Score the cable jacket 13/16" from first cut. Remove jacket and braid. **Note:** If using "QS" cable, remove outer braid, foil and inner braid. Do not remove foil on dielectric.



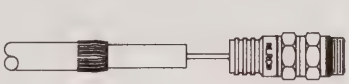
3. Score the cable jacket 1/2" from second and remove jacket. Do not score braid.



4. Fold exposed braid back evenly against jacket. Note: If using "QS" cable, fold back outer braid, remove foil, fold back inner braid.



5. Insert cable into connector until the cable dielectric hits cable stop. (5/8" - 24 end).



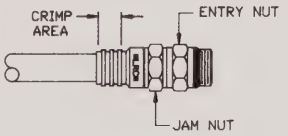
6. Crimp the collar in the area shown using a .470 hex crimp.

7. Making sure jam nut rotates freely, tighten entry nut into housing using 15 ft. lbs. torque.

8. Using a back-up wrench on the entry nut, tighten jam nut counterclockwise using approximately 5 ft. lbs. of torque.

 Tighten seizing device inside the housing on the center conductor.

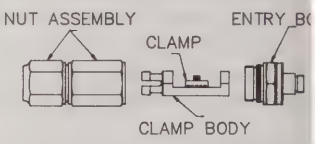
9. Install heat shrink if applicable.



ırt #	Hex Crimp	LRC Tool
;R11	.470	CT611QS, CT214

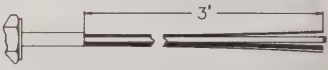
FIBER ENTRY CONNECTOR
51A002
Pat. No. 5,074,636

1. Remove the entry body from the assembly. Attach the entry body to the housing using 15 ft. lbs. (20 N•m) torque.



2. Feed the cable through the nut assembly and slide it back 4 ft. (1.2 m) from the cable end.

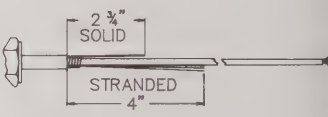
3. Strip back the cable jacket and armored jacket 3 ft. (.9 m) from the cable end. This will leave 3 ft. of fiber buffer tube(s) and strength member(s) exposed.



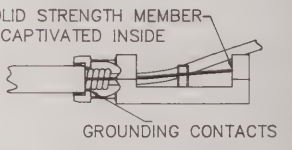
4. If the cable has an armored sheath, remove 1/2" (1.3 cm) of the jacket to expose the armor. Remove any coating or foreign substance on the sheath. This will insure good electrical contact.



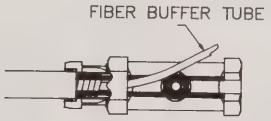
5. Cut the solid strength member(s) 2-3/4" (7 cm) from the cable jacket. Cut the stranded fiber (Kevlar) strength members 4" (10.2 cm) from the cable jacket.



6. Remove the clamp from the screw. Feed the fiber buffer tube(s) and strength members through the clamp body until the jacket butts up against the flat as shown. Any armored sheath should be in position to be gripped by the grounding contacts. Solid strength members should be captivated within the slotted hex end of the clamp body.



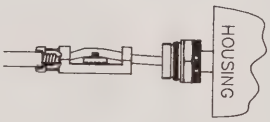
7. Separate any stranded Kevlar strength members into two groups. Twist each group of strands, forming two individual strings. Hold the cable firmly in position and wrap the two Kevlar strings around the screw in opposite directions.



8. Place the clamp back on the screw. Make sure strength members are under the clamp and buffer tubes are outside the clamp. The long axis of the clamp should be positioned in line with the cable. Hold the clamp with a wrench and tighten the screw using the 1/8" hex allen wrench provided. Torque 4 to 5 ft. lbs. (5.4 to 6.8 N•m).



9. Slide the fiber buffer tube(s) through the slot in the clamp body hex. Pull all the buffer tubes through the entry body into the housing.

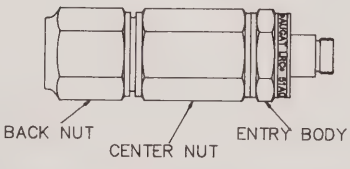


10. Slide the hex of the clamp body into the entry body broach.



11. Slide the nut assembly up over the clamp body. Using a back-up wrench on the entry body, tighten the center nut to the entry body up to the positive stop.

12. Tighten the back nut hand tight to the center nut. With a back-up wrench on the center nut, tighten the back nut one-half of a flat (1/12 of a turn). Do not over tighten!



SERIES*	DESIGN	SIZE	FEEDTHRU WRENCH SIZE ENTRY BODY	FEEDTHRU WRENCH SIZE CLAMP NUT	HEAT SHRINK SIZE	ENTRY & ADAPTERS WRENCH SIZE ENTRY BODY	ENTRY & ADAPTERS WRENCH SIZE CENTER HOUSING	ENTRY & ADAPTERS WRENCH SIZE CLAMP NUT
P1	2pc	412	15/16	15/16	11-45	-	-	-
S	2pc	412	15/16	15/16	11-45	-	-	-
FD	2pc	412	15/16	15/16	11-45	-	-	-
P2	2pc	412	15/16	15/16	11-45	-	-	-
P3	2pc	412	15/16	15/16	11-45	-	-	-
P1	2pc	500	1	1	13-45	-	-	-
S	2pc	500	1	1	13-45	-	-	-
FD	2pc	500	1	1	13-45	-	-	-
P2	2pc	500	1	1	13-45	-	-	-
P3	2pc	500	1	1	13-45	-	-	-
P3	2pc	625	1-1/8	1-1/8	13-45	-	-	-
K	2pc	412	-	-	-	13/16	-	7/8
K	2pc	500	-	-	-	1	-	1
K	2pc	625	-	-	-	1	-	1
K	2pc	750	-	-	-	1-1/8	-	1-1/8
K	2pc	875	-	-	-	1-3/8	-	1-3/8
K	2pc	1000	-	-	-	1-1/2	-	1-1/2
W	3pc	412	-	-	-	15/16	15/16	15/16
W	3pc	500	-	-	-	1	1	1
W	3pc	625	-	-	-	1-1/8	1-1/8	1-1/8
W	3pc	750	-	-	-	1-3/16	1-3/16	1-3/16
W	3pc	875	-	-	-	1-1/2	1-1/2	1-1/2
W	3pc	1000	-	-	-	1-3/4	1-3/4	1-3/4
W	2pc	1000	-	-	-	1-3/8	-	1-3/8
CX	2pc	412	13/16	7/8	11-45	13/16	-	7/8
CX	2pc	500	1	1	13-45	1	-	1
CX	2pc	625	1-1/16	1-1/8	13-45	1-1/16	-	1-1/8
CX	2pc	750	-	-	-	1-1/4	-	1-1/4
K3	2pc	11.5	13/16	7/8	11-45	13/16	-	7/8
K3	2pc	13.0	13/16	7/8	11-45	13/16	-	7/8
K3	2pc	14.5	1	1	13-45	1	-	1
K3	2pc	16.5	1	1	13-45	1	-	1
K3	2pc	19.0	-	-	-	1-1/16	-	1-1/8
K3	2pc	25.0	-	-	-	1-3/8	-	1-3/8

HEAT SHRINK SIZE	LB ENTRY				SPLICES			
	WRENCH SIZE			HEAT SHRINK SIZE	WRENCH SIZE			HEAT SHRINK SIZE
	ENTRY BODY	CENTER HOUSING	CLAMP NUT		ENTRY BODY	CENTER HOUSING	CLAMP NUT	
–	–	–	–	–	–	–	–	–
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1-55	13/16	–	7/8	11-95	7/8	–	7/8	11-95
3-55	1	–	1	13-95	1	–	1	13-95
3-55	1	–	1	13-95	1	–	1	13-95
3-55	1-1/8	–	1-1/8	13-95	1-1/8	–	1-1/8	13-95
7-60	1-3/8	–	1-3/8	17-95	1-3/8	–	1-3/8	17-95
7-70	1-1/2	–	1-1/2	17-95	1-1/2	–	1-1/2	17-100
1-55	15/16	15/16	15/16	11-90	15/16	15/16	15/16	11-90
3-55	1	1	1	13-90	1	1	1	13-90
3-55	1-1/8	1-1/8	1-1/8	13-90	1-1/8	1-1/8	1-1/8	13-90
7-55	1-3/16	1-3/16	1-3/16	17-90	1-3/16	1-3/16	1-3/16	17-90
7-60	1-1/2	1-1/2	1-1/2	17-90	1-1/2	1-1/2	1-1/2	17-95
0-70	1-3/4	1-3/4	1-3/4	20-100	1-3/4	1-3/4	1-3/4	20-120
7-60	1-3/8	–	1-3/8	17-95	1-3/8	–	1-3/8	17-95
1-45	13/16	–	7/8	11-80	13/16	–	7/8	11-90
3-50	1	–	1	13-80	1	–	1	13-95
3-50	1-1/16	–	1-1/8	13-95	–	–	–	–
7-60	1-1/4	–	1-1/4	17-85	1-1/4	–	1-1/4	17-100
1-55	13/16	–	7/8	11-95	13/16	–	7/8	11-95
1-55	13/16	–	7/8	11-95	13/16	–	7/8	11-95
3-55	1	–	1	13-95	1	–	1	13-95
3-55	1	–	1	13-95	1	–	1	13-95
3-55	1-1/16	–	1-1/8	13-95	1-1/16	–	1-1/8	13-95
7-60	1-3/8	–	1-3/8	17-95	1-3/8	–	1-3/8	17-95

			FEEDTHRU			ENTRY & ADAPTERS		
			WRENCH SIZE		HEAT SHRINK SIZE	WRENCH SIZE		
SERIES*	DESIGN	SIZE	ENTRY BODY	CLAMP NUT		ENTRY BODY	CENTER HOUSING	CLAMP NUT
MC2	2pc	440	–	–	–	13/16	–	7/8
MC2	2pc	500	–	–	–	1	–	1
MC2	2pc	650	–	–	–	1-1/8	–	1-1/8
MC2	2pc	750	–	–	–	1-1/8	–	1-1/8
MC2	2pc	1000	–	–	–	1-1/2	–	1-1/2
MC2	3pc	440	15/16	15/16	11-45	15/16	15/16	15/16
MC2	3pc	500	1	1	13-45	1	1	1
MC2	3pc	650	–	–	–	1-1/8	1-1/8	1-1/8
MC2	3pc	750	–	–	–	1-3/16	1-3/16	1-3/1
MC2	3pc	1000	–	–	–	1-3/4	1-3/4	1-3/4
QR	2pc	500	1	1	13-45	1	–	1
QR	2pc	540	1	1	13-45	1	–	1
QR	2pc	715	–	–	–	1-1/8	–	1-1/8
QR	2pc	860	–	–	–	1-1/2	–	1-1/2
QR	2pc	1125	–	–	–	1-3/4	–	1-3/4
QR	3pc	540	–	–	–	1-1/8	1-1/8	1-1/8
QR	3pc	715	–	–	–	1-3/16	1-3/16	1-3/1
QR	3pc	860	–	–	–	1-1/2	1-1/2	1-1/2
QR	3pc	1125	–	–	–	1-3/4	1-3/4	1-3/4
TX	2pc	565	1	1	13-45	1	–	1
TX	2pc	840	–	–	–	1-3/8	–	1-3/8
TX	2pc	1160	–	–	–	1-3/4	–	1-3/4

* Series Description:

CX = LRC Cable Group F.
FD = LRC Cable Group C (Fused Disc I, II).
K = LRC K Series Connector Design.
M3 = LRC Cable Group C (Metric III).
MC2 = LRC Cable Group I.
P1 = LRC Cable Group A (Parameter 1).
P2 = LRC Cable Group D (Parameter 2).
P3 = LRC Cable Group E (Parameter 3).
QR = LRC Cable Group H.
S = LRC Cable Group B (Styrene).
TX = LRC Cable Group G.
W = LRC W Series Connector Design.

	LB ENTRY				SPLICES			
	WRENCH SIZE				WRENCH SIZE			
EAT SHRINK IZE	ENTRY BODY	CENTER HOUSING	CLAMP NUT	HEAT SHRINK SIZE	ENTRY BODY	CENTER HOUSING	CLAMP NUT	HEAT SHRINK SIZE
1-55	13/16	-	7/8	11-95	7/8	-	7/8	11-95
3-55	1	-	1	13-95	1	-	1	13-95
3-55	1-1/8	-	1-1/8	13-95	1-1/8	-	1-1/8	13-95
3-55	1-1/8	-	1-1/8	13-95	1-1/8	-	1-1/8	13-95
7-70	1-1/2	-	1-1/2	17-100	1-1/2	-	1-1/2	17-100
1-55	15/16	15/16	15/16	11-90	15/16	15/16	15/16	11-95
3-55	1	1	1	13-90	1	1	1	13-95
3-60	1-1/8	1-1/8	1-1/8	13-90	1-1/8	1-1/8	1-1/8	13-100
7-60	1-3/16	1-3/16	1-3/16	17-90	1-3/16	1-3/16	1-3/16	17-100
0-70	1-3/4	1-3/4	1-3/4	20-100	1-3/4	1-3/4	1-3/4	20-120
3-55	1	-	1	13-95	1	-	1	13-95
3-60	1	-	1	13-90	1	-	1	13-95
3-60	1-1/8	-	1-1/8	13-100	1-1/8	-	1-1/8	13-100
7-60	1-1/2	-	1-1/2	17-95	1-1/2	-	1-1/2	17-95
0-70	1-3/4	-	1-3/4	20-100	1-3/4	-	1-3/4	20-120
3-60	1-1/8	1-1/8	1-1/8	13-90	1-1/8	1-1/8	1-1/8	13-120
7-60	1-3/16	1-3/16	1-3/16	17-95	1-3/16	1-3/16	1-3/16	17-100
7-70	1-1/2	1-1/2	1-1/2	17-100	1-1/2	1-1/2	1-1/2	17-100
0-70	1-3/4	1-3/4	1-3/4	20-100	1-3/4	1-3/4	1-3/4	20-120
3-50	1	-	1	13-80	1	-	1	13-95
7-55	1-3/8	-	1-3/8	17-85	1-3/8	-	1-3/8	17-90
0-70	1-3/4	-	1-3/4	20-100	1-3/4	-	1-3/4	20-120

at Shrink for Drop Cables:

RIES	SIZE
	5-12
	5-12
1	8-12
	8-12
	8-12

MAXIMUM ATTENUATION

EQUATION FOR PARAMETER 1 CABLE

$$\alpha = \left(\frac{.0058}{D_i} + \frac{.0074}{D_o}\right)\sqrt{f} + \frac{.00041\ f}{\text{Log}\ \frac{D_o}{D_i}}$$

EQUATION FOR PARAMETER 3 CABLE

$$\alpha = \left(\frac{.0058}{D_i} + \frac{.0074}{D_o}\right)\sqrt{f} + \frac{.00025\ f}{\text{Log}\ \frac{D_o}{D_i}}$$

Where:

D_o = Inner Diameter of Outer Conductor (inches)

D_i = Diameter of Center Conductor (inches)

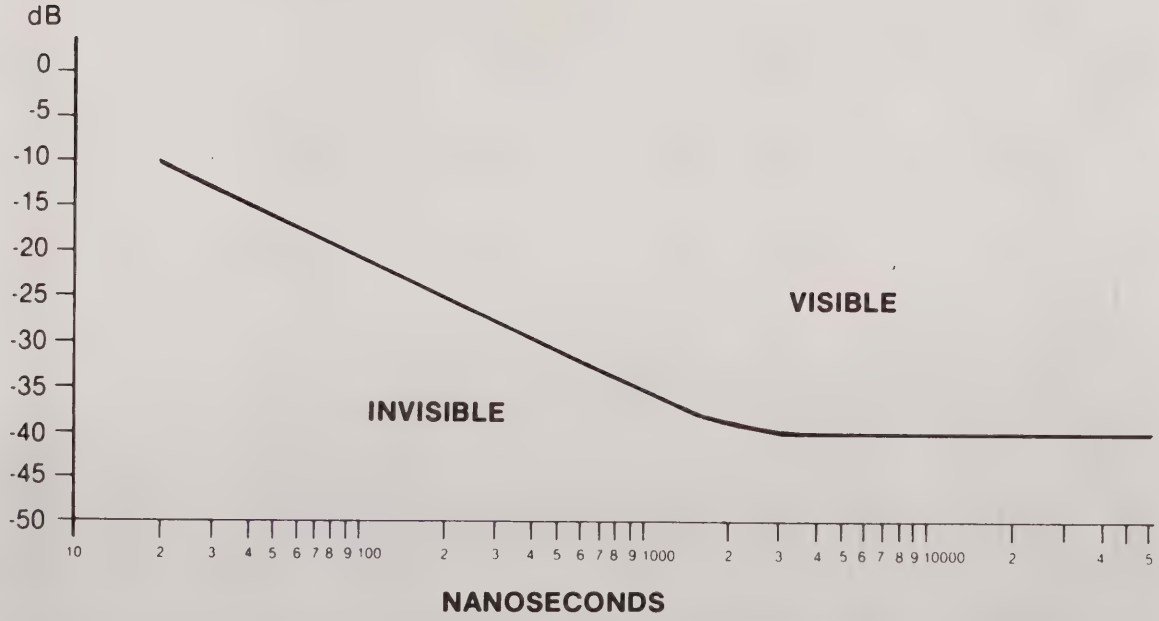
f = Frequency in MHz

α = Attenuation in dB/100 ft.

dBm TO VOLTAGE, CONVERSION CHART

dBm Level	Volts	
	50 OHM	75 OHM
20	2.235	2.739
19	1.993	2.441
18	1.776	2.175
17	1.583	1.939
16	1.411	1.728
15	1.257	1.540
14	1.121	1.373
13	0.9988	1.223
12	0.8902	1.090
11	0.7934	0.9718
10	0.7071	0.8660
9	0.6302	0.7719
8	0.5617	0.6879
7	0.5060	0.6132
6	0.4461	0.5465
5	0.3976	0.4870
4	0.3594	0.4340
3	0.3158	0.3869
2	0.2815	0.3448
1	0.2508	0.3073
0	0.2236	0.2739

dBm Level	Volts	
	50 OHM	75 OHM
0	0.2236	0.2739
– 1	0.1993	0.2441
– 2	0.1776	0.2175
– 3	0.1583	0.1939
– 4	0.1411	0.1728
– 5	0.1257	0.1540
– 6	0.1110	0.1373
– 7	0.0999	0.1223
– 8	0.0892	0.1090
– 9	0.0792	0.0972
– 10	0.0707	0.0866
– 11	0.0630	0.0772
– 12	0.0562	0.0688
– 13	0.0506	0.0613
– 14	0.0446	0.0547
– 15	0.0398	0.0487
– 16	0.0359	0.0434
– 17	0.0316	0.0387
– 18	0.0282	0.0345
– 19	0.0251	0.0307
– 20	0.0224	0.0274

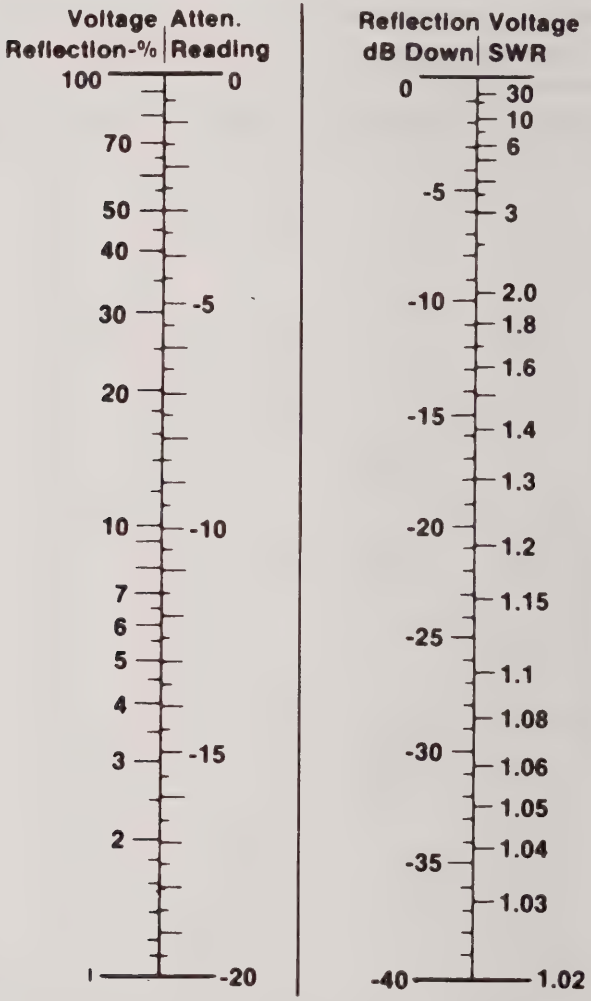

dB
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
VISIBLE
INVISIBLE
10
2 3 4 5 6 7 8 9 100
2 3 4 5 6 7 8 9 1000
2 3 4 5 6 7 8 9 10000
2 4 5
NANOSECONDS

dBmV TO VOLTAGE, CONVERSION CHART*

For + dBmV		For – dBmV	
dBmV	Millivolts	dBmV	Microvolts
0	1.00	0	1000
+ 1	1.12	– 1	891
+ 2	1.26	– 2	794
+ 3	1.41	– 3	708
+ 4	1.59	– 4	631
+ 5	1.78	– 5	562
+ 6	2.00	– 6	501
+ 7	2.24	– 7	447
+ 8	2.51	– 8	398
+ 9	2.82	– 9	355
+ 10	3.16	– 10	316
+ 11	3.55	– 11	282
+ 12	3.98	– 12	251
+ 13	4.47	– 13	224
+ 14	5.01	– 14	200
+ 15	5.62	– 15	178
+ 16	6.31	– 16	159
+ 17	7.08	– 17	141
+ 18	7.94	– 18	126
+ 19	8.91	– 19	112
+ 20	10.00	– 20	100

* Reference: 0 dBmV = 1 mV as measured across 75 ohm load.

VSWR CHART



Note:

$$\text{SWR} = \frac{\text{E. Max.}}{\text{E. Min.}} \quad \text{and} \quad \% \text{ Reflection} = \frac{(\text{SWR})-1}{(\text{SWR})+1} \times 100$$

TRACER dB/μV PER METER CONVERSION CHART

Tracer dB Reading	μV/meter
+20	200.00 μV
+19	178.00 μV
+18	159.00 μV
+17	141.00 μV
+16	126.00 μV
+15	112.00 μV
+14	100.00 μV
+13	89.10 μV
+12	79.40 μV
+11	70.80 μV
+10	63.10 μV
+9	56.20 μV
+8	50.10 μV
+7	44.70 μV
+6	39.80 μV
+5	35.50 μV
+4	31.60 μV
+3	28.20 μV
+2	25.10 μV
+1	22.40 μV
0	20.00 μV
-1	17.80 μV
-2	15.90 μV
-3	14.10 μV
-4	12.60 μV
-5	11.20 μV
-6	10.00 μV
-7	8.91 μV
-8	7.94 μV
-9	7.08 μV
-10	6.31 μV
-11	5.62 μV
-12	5.02 μV
-13	4.47 μV
-14	3.98 μV
-15	3.55 μV

TRACER dB/μV PER METER CONVERSION CHART

Tracer dB Reading	μV/meter
-16	3.16 μV
-17	2.82 μV
-18	2.51 μV
-19	2.24 μV
-20	2.00 μV

Formulas

To Convert dB Reading To μV/meter

$$20 \text{ Antilog}_{10}\left(\frac{\text{dB Reading}}{20}\right) = _____ \mu V \text{ or } 20\left[_{(10)}\left(\frac{\text{dB Reading}}{20}\right)\right] = _____ \mu V$$

To Convert μV/meter to dB Reading

$$20 \text{ Log}_{10}\left(\frac{\text{Voltage in } \mu V}{20}\right) = _____ \text{ dB Reading}$$

TR1 TRACER Formulas and Examples

To convert field strength in uV/meter to TR1 reading in dB:

$$20 \log \frac{\text{Field Strength uV/meter}}{20\text{uV/meter}} = \text{dB}$$

Ex: What is the TR1 dB reading for a field strength of 31 uV/meter:

$$20 \log \frac{31}{20} = +3.81 \text{ dB on TR1}$$

To convert TR1 dB reading to field strength in uV/meter:

$$\text{Field Strength} = 20\,[10 \text{ EXP } (\tfrac{\text{dB}}{20})]$$

Ex: What is the field strength for a TR1 reading of 6 dB:

$$\text{Field Strength} = 20\,[10 \text{ EXP } (\tfrac{6}{20})]$$

$$20\,[10 \text{ EXP } (.3)] = 39.$$

To convert uV/meter to uV:

$$V = \frac{\text{uV/meter}}{.021 \times \text{Frequency MHz}}$$

Ex: If a 139.25 MHz TR1 reads 0 dB which is 20 uV/meter then:

$$V = \frac{20}{.021 \times 139.25} = 6.84 \text{ uV}$$

To convert uV/meter to dBmV:

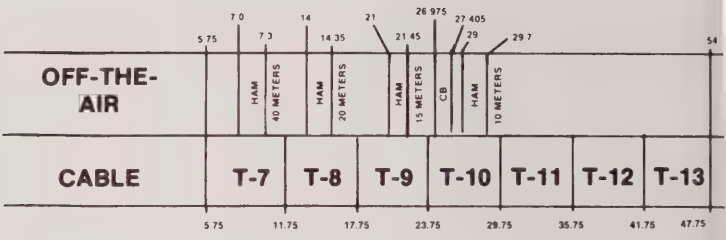
$$\text{dBmV} = 20 \log \frac{\text{uV/meter}}{21 \times \text{Frequency MHz}}$$

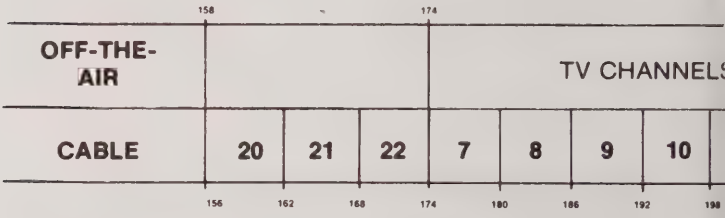
Ex: If a 139.25 MHz TR1 reads 0 dB which is 20 uV/meter then:

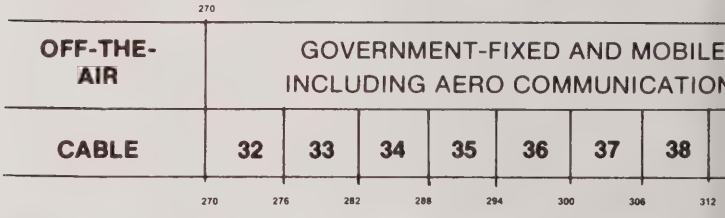
$$20 \log \frac{20}{21 \times 139.25} = -43.30 \text{ dBmV}$$

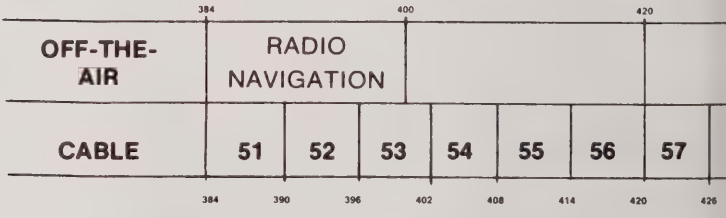
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CATV FREQUENCY CHART

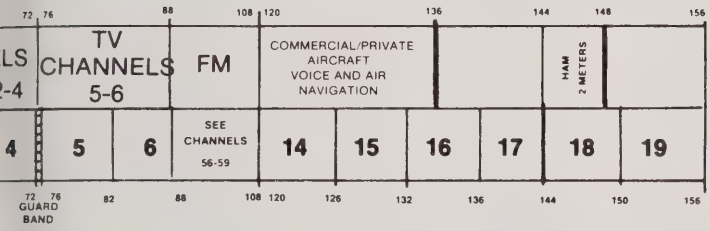


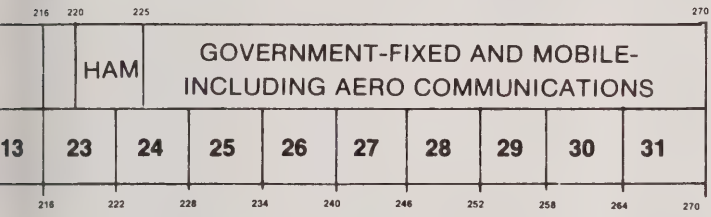


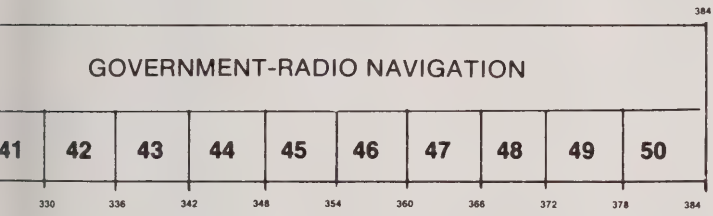


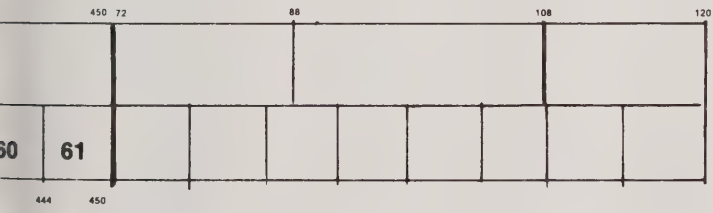


Note: All frequencies shown are in MHz.









CATV BANDS

T-13	Sub Channels	23 - 36	Super Band
13	Standard Channels	37 - 69	Hyper Bands
22	Midband	54 - 61	Miscellaneous

CATV CHANNEL ALLOCATIONS

Channel	Freq. Range in MHz	Carriers in MHz		
		Video	Color	Audio
2	54-60	55.25	58.83	59.7
3	60-66	61.25	64.83	65.7
4	66-72	67.25	70.83	71.7
5	76-82	77.25	80.83	81.7
6	82-88	83.25	86.83	87.7
FM	88-108	—	—	—
A-2 (00)	108-114	109.25	112.83	113.7
A-1 (01)	114-120	115.25	118.83	119.7
A (14)	120-126	121.25	124.83	125.7
B (15)	126-132	127.25	130.83	131.7
C (16)	132-138	133.25	136.83	137.7
D (17)	138-144	139.25	142.83	143.7
E (18)	144-150	145.25	148.83	149.7
F (19)	150-156	151.25	154.83	155.7
G (20)	156-162	157.25	160.83	161.7
H (21)	162-168	163.25	166.83	167.7
I (22)	168-174	169.25	172.83	173.7
7	174-180	175.25	178.83	179.7
8	180-186	181.25	184.83	185.7
9	186-192	187.25	190.83	191.7
10	192-198	193.25	196.83	197.7
11	198-204	199.25	202.83	203.7
12	204-210	205.25	208.83	209.7
13	210-216	211.25	214.83	215.7
J (23)	216-222	217.25	220.83	221.7
K (24)	222-228	223.25	226.83	227.7
L (25)	228-234	229.25	232.83	233.7
M (26)	234-240	235.25	238.83	239.7
N (27)	240-246	241.25	244.83	245.7
O (28)	246-252	247.25	250.83	251.7
P (29)	252-258	253.25	256.83	257.7
Q (30)	258-264	259.25	262.83	263.7

CATV CHANNEL ALLOCATIONS

Channel	Freq. Range in MHz	Carriers in MHz		
		Video	Color	Audio
R (31)	264-270	265.25	268.83	269.75
S (32)	270-276	271.25	274.83	275.75
T (33)	276-282	277.25	280.83	281.75
U (34)	282-288	283.25	286.83	287.75
V (35)	288-294	289.25	292.83	293.75
W (36)	294-300	295.25	298.83	299.75
AA (37)	300-306	301.25	304.83	305.75
BB (38)	306-312	307.25	310.83	311.75
CC (39)	312-318	313.25	316.83	317.75
DD (40)	318-324	319.25	322.83	323.75
EE (41)	324-330	325.25	328.83	329.75
FF (42)	330-336	331.25	334.83	335.75
GG (43)	336-342	337.25	340.83	341.75
HH (44)	342-348	343.25	346.83	347.75
II (45)	348-354	349.25	352.83	353.75
JJ (46)	354-360	355.25	358.83	359.75
KK (47)	360-366	361.25	364.83	365.75
LL (48)	366-372	367.25	370.83	371.75
MM (49)	372-378	373.25	376.83	377.75
NN (50)	378-384	379.25	382.83	383.75
OO (51)	384-390	385.25	288.83	389.75
PP (52)	390-396	391.25	394.83	395.75
QQ (53)	396-402	397.25	400.83	401.75
RR (54)	402-408	403.25	406.83	407.75
SS (55)	408-414	409.25	412.83	413.75
TT (56)	414-420	415.25	418.83	419.75
UU (57)	420-426	421.25	424.83	425.75
VV (58)	426-432	427.25	430.83	431.75
WW (59)	432-438	433.25	436.83	437.75
XX (60)	438-444	439.25	442.83	443.75
YY (61)	444-450	445.25	448.83	449.75

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AUGAT®

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